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PANSY

Vaughan's Improved Swiss Giant Mixture

Trade pkt., 50c; ⅛ oz., $1.00; ¼ oz., $1.80; oz., $6.00; 2 oz., $11.50; 4 oz., $20.00; lb., $70.00.

For Description See Back Cover

1804

VAUGHAN'S MID-SUMMER OFFER—JUNE 1938

Vaughan's Seed Store

CHICAGO NEW YORK

"SNAPS" For Greenhouse Forcing

SPECIAL OFFER — WHERE PRICE IS:

$1.00 per pkt., we supply any 3 for $2.50; any 5 for $3.50; any 7 for $4.55
$1.50 per pkt., we supply any 3 for $4.00; any 5 for $6.50 Except
$2.00 per pkt., we supply any 3 for $5.00; any 5 for $7.50 White Wonder

NOTE: Combination prices apply to orders for one or more varieties.

Varieties preceded by a star (*), are best for early winter flowering.
Varieties followed by a cross (×), we can supply ½ trade pkts. at 60c each.

Trade Pkt.

*Afterglow. Golden bronze × $1.00

Bertha Baur. Charming lavender or orchid shade. The flowers do not shatter, varies .. 1.00

Captor (Breitmeyer). A pure white snapdragon possessing long flowering spikes on strong wiry stems. A continuous producer 1.50

Celestial (Witterstaetter). New yellow, long stemmed and large-flowered 1.50

*Ceylon Court. Canary yellow. The best early yellow—our introduction × 1.00

*Ceylon Court. Dark Selection ×. Darker than above 1.00

Cheviot Supreme Appleblossom. (Windmiller). Belongs to the non-shattering class. In color it resembles Verbena Mayflower. In late Spring the color deepens to Salmon Rose. It is not as early as Rose Pink Cheviot, coming as its best February 1st. Its wonderful color makes it popular in any market. It is more robust than Standard Cheviot and requires more room or severe thinning for best results. This is an exclusive with us 2.00

Cheviot Maid Pure White (Yoder). Flowers well placed 1.00

Cheviot Maid Yellow (Volz). The Chicago Florists Club awarded it a Certificate of Merit, and the S.A.F. & O.H. "Declared it the most outstanding yellow snapdragon ever staged and worthy of a certificate of merit" 1.00

*Cheviot Maid, Supreme. Deep rose pink × 1.00

Christmas Cheer. A shade lighter than Rose Pink Supreme, free blooming, excellent stem and flower spike 2.00

Coate's Yellow Perfection. Deep golden yellow 1.00

Cornwallis. A beautiful bright rose pink, two shades brighter than Rose Queen. Does not require pinching. An A-1 shipper 1.50

Daybreak (Breitmeyer). Strong, vigorous pink. Same shade as the Rose Briarcliffe. Heavy winter producer 1.50

Gilbert's Pink Queen Supreme. This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower heads 2.00

Glorious (Frank). A highly attractive reddish copper with yellow lip. An entirely new color. Popular in Chicago Retail Trade. Early flowering, none better or quicker on a comeback after first crop is off ..... ½ Trade pkt., $1.25. 2.00

*Jennie Schneider. Soft rose pink. Sow early for winter flowering × 1.00

Kirkwood Beauty. Bronze with a cast of gold—a striking color 1.00

La France (Stachel). A strikingly beautiful silvery pink. Varies 2.00

*Lucky Strike. Well-known pure white, grows three to four feet with splendid full spike of flowers; does not drop or shatter; plant early for winter blooming × 1.00

Marie Louise (Raasch). Beautiful sea-shell pink. An entirely new and desirable color in winter-blooming Snapdragons. The beautiful coloring continues throughout the season. Marie Louise is a good mixer, combining well with all other flowers. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set all around the stem and free from grassy growth 2.00

Marion Golden (Schumann). Yellow 1.50

Marion White (Schumann). A real white, large close flowering spike on a strong, sturdy stem, throwing small foliage 1.50

Miss Wooster (De Witt). The color is a dazzling rich dark bronze. Early blooming; the heads of blooms are very large and compact. It is an ideal shipping variety 1.50

New Cincinnati. The finest light rose 1.00

Tr. Pkt.

New Dawn (Thomson). A golden orange, very effective either in daylight or artificial light. A quality Snap; very pleasing color; a fine seller; a continuous bloomer $1.00

*New Deal. Very early, fragrant, golden bronze 1.00

Nicholson Yellow. A striking new bright yellow 1.00

Northern Light (De Witt). The color is a rich golden yellow with pink shadings on the reverse of petals. It holds its colors well in dark weather. Comes on strong stems, flowers large and well placed on the stem 1.50

Peggy Schumann (Schumann). A new medium pink, a large close-flowering spike on a strong, sturdy stem, will not shatter and produces no blind shoots. An early bloomer .. 2.00

Pink Delight (Breitmeyer). Excellent pink variety for hot weather and early fall cutting 1.50

Radiance (Thomson). A lovely, deep pink. Best variety to crop for a holiday, especially for Christmas. Medium length, heavy stems, large flowers, very early 1.00

Roman Gold. A deep golden yellow with a lip a lighter yellow × 1.00

Rose Pink Cheviot Supreme (Fred Windmiller). This is a true Cheviot Maid, a single plant selection for early flowering, carrying its color well in dark winter weather and comes almost 100% true to type. ½ trade pkt., $1.00; 2,000 seeds 1.50

Rose Queen (Witterstaetter). Dark pink × 1.00

Royal Gold (Schumann). An orchid flower, the face old-gold, the upper lip shading from gold to orchid 1.50

Schrock's Orchid. True orchid color with exceptionally long and beautiful spikes. Coming in bloom with Cheviot Maid Supreme, Afterglow and Velvet Beauty 2.00

Snow White (Breitmeyer). Pure white. Sow for late Summer and Fall crops 1.00

Sunburst, Improved. Color of Sunburst rose × 1.00

*Sunlight. Improved New Deal, finest extra early golden bronze 1.00

Sunset (Breitmeyer). A beautiful golden copper, bronze lip. Exceptionally large individual florets, well set 1.50

*Suntan. Rose shade of tan with tinge of yellow on lip × .. 1.00

Talisman. Semi double flowers of the same shade as the Rose. Especially fine for retail trade 2.00

Terry's Surprise, Improved. Pink and bronze shades 1.00

Velvet Beauty. Rich American Beauty red in color, exceptionally stout stem 1.00

Westover's Fringed White. This delicate fringed white Snapdragon has long flowering spikes with large individual blooms that have unusual lasting qualities ..... 3 trade pkts. for $6.50 2.50

*White Prosperity. A pure white 1.50

*White Rock. Early-blooming pure white ..... 3 pkts., $1.25; 5 pkts., $2.00 ..... .50

*White Wonder (Bezdek). A fine pure white, popular on Chicago Market. Net price 2.00

*Winter Helen. Lovely salmon-pink, early and winter bloomer × 1.00

Greenhouse Varieties Mixed, with pinks predominating .. .75

This List Cancels All Previous Offers

SPECIAL CASH DISCOUNT 5 PER CENT on orders over $2.00 for Flower Seeds, if the cash is enclosed.

VAUGHAN'S SEED STORE, Inc., gives no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs or plants it sells, and will not be responsible for the crop; and it gives no warranty, express or implied, as to fertilizers, other than in respect to analyses or other data expressly and lawfully required of the seller by statutes.

BEGONIA Gracilis Pink Pearl

Aloe Variegata

or "Tiger-Aloe," the finest and most favored quick-growing succulent with beautifully variegated leaves. Seedlings of 9 to 12 months of age, potted up in Tom Thumb pots, are salable in unlimited quantity. 100 seeds, $1.00; 1000 seeds, $8.00.

Asparagus

Plumosus Nanus. Carefully harvested, hand-picked, plump, well-matured seed of this variety is a specialty with us. 100 seeds, 25c; 250 seeds, 40c; 1,000 seeds. $1.00; 5,000 seeds, $4.50; oz., 80c; lb., $8.00.

Falcatus. Valuable bushy green for cutting purposes. Shiny dark green leaflets. 100 seeds, 75c; 1,000 seeds, $6.00.

Sprengeri. 100 seeds, 25c; 250 seeds, 35c; 1,000 seeds, $1.00; 5,000 seeds, $4.50; oz., 80c; lb., $8.00.

ALOE Variegata

Begonia

	Tr. pkt.	Oz.
Gracilis Pink Pearl. Of dwarf, compact habit—6 to 8 inches high this new Begonia is one of the very best for pot culture. The plants form perfect balls and the flowers are well above the fresh green foliage	$1.00	.....
Red Pearl. Same as Pink Pearl in growth, height and blooming habit. Color brilliant dark scarlet	1.00	.....
Luminosa. Deep dark scarlet, foliage reddish brown, 10 in. 1/32 oz., $1.80; 1/8 oz., $5.80	1.00	$36.00
Dwarf Luminosa. Extra dwarf, scarlet. 8 in. 1/32 oz., $3.60; 1/64 oz., $2.00	1.00	.....
Carmen. Bright rose flowers, bronze foliage. 1/64 oz., $1.80; 1/32 oz., $3.20	1.00	.....
Carmen White. 1/64 oz., $1.40	1.00	.....
Fireball. Fiery crimson, 10 in. 1/32 oz., 1.80	.50	.....
Indian Maid. (Carmine scarlet). 10 in. Bright deep scarlet buds and flowers with deep bronze foliage. 1/64 oz., $2.00	1.00	.....
Prima Donna. Limpid rose, shading to carmine, most beautiful, 10 to 12 in. 1/32 oz., $2.00	1.00	.....
Radio (Rundfunk). Large flowered, shining, pure carmine-scarlet 1/32 oz., $2.20	1.00	.....
White Pearl. White, 10 in. 1/32 oz., 1.50	.50	.....
Christmas Cheer Red. A very large-flowered variety, color, dark crimson-scarlet 1/32 oz., $2.20	1.00	.....
Christmas Pink. Identical to above variety only the color is a delightful shade of warm rose-pink 1/32 oz., $2.20	1.00	.....
Semperflorens Albert Martin. Bright carmine, very large flowers, 14 in. 1/32 oz., $1.00	.50	.....
Darling. The plants are of ball shape, growing approximately 8 inches high; flowers are large and of a very brilliant carmine rose 1/64 oz., $2.25	1.00	.....
Earliest of All. Very large and very early. Color bright carmine scarlet. 7 to 8 in.	1.00	.....
Elegance. The plant is of bushy habit, medium tall and most free flowering. The individual flowers are large, pink with white center 1/64 oz., $2.00	1.00	.....
Enchantress. Fresh rose color 1/32 oz., $1.60	.50	.....
Erfordia. Rosy carmine, 10 in. 1/32 oz., 1.40	.50	.....
Fire Sea (Blaze of Fire). Red flowers, green foliage. 8 in. 1/32 oz., $2.00	1.00	.....
G. Knaacke. Glowing salmony pink. 1/32 oz., 1.40	.50	.....
Glory of Erfurt. Large carmine flowers. 1/64 oz., $1.10	.50	.....
Lightning (Thunderbolt). Large flowers 2 in. across and deep carmine scarlet shade. 10 in. 1/32 oz., $2.50	1.00	.....

BEGONIA Semperflorens—Continued

	Tr. pkt.	Oz.
Heterosis Essen, 1938. The buds are one inch across and are of a bright cherry red, while the flowers develop later to 2 in. x 1 in. and are an amaranth cerise. The center of the flower appears mauve, thus producing a particularly charming effect. The plants branch freely and grow to a uniform height of 10 inches	$1.00	.....
Little Midget. A remarkably early and willing bloomer. Plants when only an inch or two in height flower freely. Color a pretty dark carmine	1.00	.....
Salmon Queen. Large salmon red blooms, 12 in. 1/32 oz., $1.50	.50	.....
Scandinavia. A new outstanding large-flowered pink variety for pots. Plants are of good branching habit with dark green foliage. Excellent for winter flowering 3 trade pkts., $4.00	1.50	.....
Winter Romance. Carmine pink flowers, light green foliage	1.00	.....
Special Mixture of Bedding Begonias 1/32 oz., $1.00	.50	.....

Chinese Forget-Me-Not

Cynoglossum Amabile, Blue Bird. A lovely plant 18 to 24 inches tall, with bright blue flowers. May be grown either outside or under glass. Makes wonderful cut flower	.15	$0.50
Amabile. Pink	.15	.40
Fairy Blue. New attractive deep Cambridge blue.	.10	.40

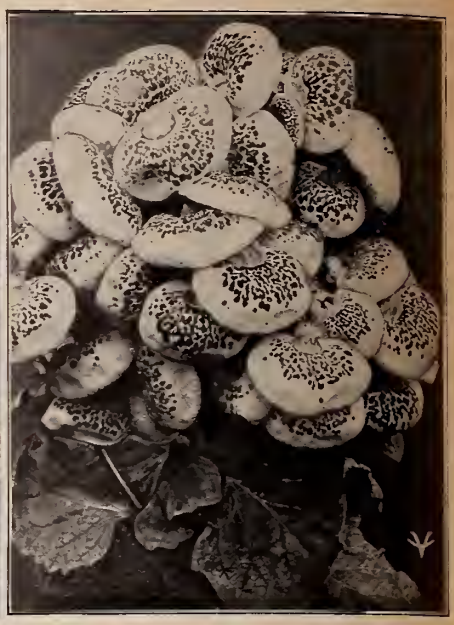
Clarkia Elegans Double

Albatross. Pure white	.15	.60
Appleblossom. Delicate pink	.15	.50
Brilliant. Salmon	.15	.50
Chieftain. Mauve	.15	.50
Copper Scarlet	.15	.50
Enchantress. Salmon pink	.15	.50
Firebrand. Copper scarlet	.15	.60
Glorious. Crimson scarlet	.15	.80
La France. Pale salmon pink	.15	.50
May Blossom. An absolutely distinct and very beautiful color is pure glowing rose which deepens with age	.15	.60
Orange King. A good orange	.15	.50
Purple Prince. Rich purple	.15	.50
Rosy Morn. Rose	.15	.80
Queen Mary. Carmine	.15	.50
Salmonea Perfecta. True salmon, extra double	.15	.60
Vaughan's Special Mixture	.15	.80

Clarkia should have no more soil than is needed to give proper depth in the flat, less than 3 inches. They can also be grown in 2¼-inch pots. They require warm conditions. In a cool house they stand still until temperature warms up.

CALCEOLARIA Flower Cloud

CALCEOLARIA Hybrida Grand. Triumph



CALCEOLARIA Multiflora Nana

FOR CALCEOLARIAS, use a mixture of loam, leaf-mold and sharp sand. This mixture is suitable both for the seed pans and the pots into which the seedlings, when ready, should be planted. Perfect drainage is important. Calceolaria seed being very fine the seeding should be done with great care and it is suggested that one use a sheet of white paper on which a tablespoon of white sand is distributed. Then shake the seed on top of this sand and mix thoroughly. Then, sprinkle this mixture on the soil of the seed pan, dusting surface with a little fine sand, cover with a sheet of glass and place in the shade. For moisture, immerse the pans in water. As the seedlings come up lift them carefully when quite small and prick them off into a flat allowing two inches square for each plant. It is important that the leaves of one plant should never be allowed to overlap those of another or decay will probably result. When established in pots shift them into the larger size. At the last shift give them some manure water, not too strong, about once a week.

Vaughan's Calceolarias

These Make Wonderful Plants for Easter or Mother's Day

Trade pkt.

★**Hybrida Grandiflora Triumph Strain.** An excellent strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage, not so woolly as is sometimes seen in Calceolaria. A prize winner in the S.A.F. Milwaukee Show.....1/64 oz., $2.50 $1.25

★**Multiflora Nana Mixed.** The average size of the blooms is only 1½ inch, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. The yellow shades, lemon, gold, orange, are adorned with fine brown spots; the brown, orange copper, copper brown, copper scarlet, crimson, scarlet are very striking. Makes an ideal market plant.....1/64 oz., $4.25; .....1/128 oz., $2.20 1.00

Multiflora Nana, Indian Prince. Deep crimson..... 1.00

Multiflora Nana Golden Tiger. Bright golden yellow flowers with dark brownish red dots, freely produced above the foliage.....1/64 oz., $3.50 1.00

Albert Kent's Hybrids. The flowers are intermediate in size and produced in large graceful clusters.....1/64 oz., $2.00; .....1/32 oz., $3.60 1.00

Feltham Glory. This attractive hybrid has fairly dwarf compact habit and large flowers. The range of color of the numerous flowers includes scarlet, orange, buff, rich brown and golden yellow in self, blotched and spotted forms, ...1/64 oz. $2.00 1.00

Rugosa Aurea, Golden Rain..... 1.00

Rugosa Major, Mixed, 12 in. 1.00

The Rugosa varieties furnish splendid cut flower material besides being good pot plants. The flowers are much smaller than the Hybrida, are produced in clusters and keep well in water after cutting.

Trade pkt.

"Flower Cloud." This is a cross between the C. Rugosa and Grandiflora. The most free blooming Calceolaria, in all colors. Of a very vigorous growth and resistant against weather influences. Leaves are rather elastic, like those of the Rugosa, making them easy to pack and ship..... .....1/128 oz., $3.80; 3 trade packets for $2.70 $1.00

Hybrida Grandiflora Extra Choice Mixed. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. A mixture of two superior English and German strains. 1/32 oz., $3.40; 1/64 oz., $1.80. 1.00

Grandiflora Nana Tigrina Mixed. Tigered and self-colored, 10 inches.....1/64 oz., $2.40 1.00

Kelway's Perfect Model. Originator's stock. Splendid habit, neither too tall nor too dwarf. Large heads of very large flowers, which are well rounded and filled out, and of the richest as well as the most delicate colors; most marvelous variety of shades and markings, self, spotted, blotched and striped.....1/64 oz., $2.25; 1/32 oz., $4.20 1.00

Super Giant Centaurea Cyanus (Cornflower)

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting.

		Trade pkt.	Oz.
Black Boy. Blackish maroon.....		$0.15	$0.50
Blue Boy. Rich deep blue, very large flowers.....	4 oz., $1.40	.15	.40
Pinkie. Deep pink.....	4 oz., 1.50	.15	.50
Red Boy. Deep red.....	4 oz., 1.50	.15	.50
Snowman. Best white.....	4 oz., 1.50	.15	.50
Vaughan's Mixture of Super Giant New Varieties Mixed.....	4 oz., $1.50	.15	.50

CINERARIA Multiflora Nana. Cremer's Prize. Potsdam Strain (Weissense) Berlin Market

Cineraria Hybrida

Vaughan's Columbian Mixture. It consists of a mixture made up by ourselves of the choicest large flowering strains, of our gold center Nana Multiflora type and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. 1/64 oz., $1.80; 1/32 oz., $3.00; 1/16 oz., $5.50.....about 1000 seeds — Trade pkt. $1.00

Howard and Smith's Strain. A very fine selection from a California specialist. Seed from the originator. 1/64 oz., $2.60 — 1.00

Large-Flowering—Separate Colors

White — Azure Blue — Old Rose; pink to rich coppery-red.
Crimson — Dark Blue — Matador, deep copper scarlet.
Rosamond. Pink, white ring, dark center.
Each of the above.....500 seeds. — .50

James' Giant. Mixed. A well-known English strain.....1000 seeds — 1.00

Cremer's Prize. Re-selected. The petals in most of the blooms of this strain are wide, numerous and overlap well to form attractive heads. The plants can be finished in smaller pots, too, making shapely specimens covered with masses of blooms. The seed we offer naturally came from the introducer (when introduced). We have greatly improved this strain as to uniformity of size, color range and freedom of bloom. .....1/8 oz., $14.00; 1/16 oz., $7.50; 1/32 oz., $4.00 — 1.50

Hybrida Multiflora Nana. Produces dwarf plants with masses of small flowers, measuring about 3/4 in. in diameter, in compact heads over small and dainty foliage. The flowers are self-colored.

Azure Blue — Rose — Dark Red
Dark Blue — Rose Carmine
Each of the above.....1/64 oz., $1.80; 500 seeds — .50

Multiflora Nana. Mixed, all colors.....1/32 oz., $2.00 — 1.00

Multiflora Nana Maxima, Mixed.....1/32 oz., 2.40 — 1.00

Potsdam Strain. (Weissensee). (Berlin Market) Mixed. Flowers larger and plants somewhat taller than Multiflora Nana with a wonderful color range.....1/32 oz., $2.80; 1/64 oz., $1.50.. — 1.00

Crimson — Dark Blue
White — Salmon Rose shades
Each of above.....500 seeds — .50

Covent Garden Strain. The flowers of this new strain are much smaller than the large flowering type but the plants produce a large head of bloom when grown in small pots.....1/64 oz., $1.50 — 1.00

Siter's Rainbow Strain. Originator's packets..... — 2.00

Plenissima. Double mixed. Good for cutting....500 seeds — .50

CINERARIA—Continued — Tr. pkt.

Star Cineraria (Cineraria Hybrida Polyantha). Fine, small-flowering varieties for cutting and decorative purposes. Plants grow 3 ft. high.....1/32 oz., $1.40 — $0.50

Feltham Beauty. Somewhat dwarfer than above, but with larger flowers and broader petals; nearly all have white centers.....1/32 oz., $1.20 — .50

Polyantha Stellata. Blue. Rich, dark blue, 2 ft. 1/32 oz., $1.20 — .50

Polyantha. Salmon Pink. A fine new shade..1/32 oz., $1.40 — .50

CINERARIA "GOLD CENTER" OF THE MULTIFLORA NANA TYPE

This new strain is distinguished by the golden yellow stamens—in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers. We strongly recommend this new variety.

500 seeds, 60c; 1000 seeds, $1.00; 1/64 oz., $2.25

CYCLAMEN Persicum Giganteum, Binnewies Strain

Cyclamen

Persicum Giganteum

250 seeds of one variety at 1000 rate, less than 250 seeds of one variety at 100 rate. In lots of 5,000 of a variety 8% off the rate for 1,000 seeds.

Binnewies—German Strain

Well known strain we have carried for several years. Seed supplied in originator's packets.

	100 Seeds	1000 Seeds
Bonfire. Brilliant salmon	$1.70	$15.00
Bright Red	1.20	10.00
Dark Blood Red	1.20	10.00
Lavender	1.20	10.00
Mozart. Deep pink	1.85	17.00
Orange Beauty. Orange vermilion	1.85	17.00
Pink Pearl. Salmon pink	1.85	17.00
Pure Rose	1.20	10.00
Pure White	1.20	10.00
Rococo Erecta Mixed. Large fringed flowers	1.60	14.00
Salmon Scarlet (America Improved)	2.00	16.00
Salmon Rose Improved	1.50	13.00
Salmon Dark (Glory of Wandsbek or Perle of Zehlendorf)	1.50	12.00
Salmon Light (Rose of Zehlendorf)	1.50	12.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal)	1.20	10.00
Saffron Red	1.30	11.00
Saffron Red Silver Edge	1.70	15.00
Sunrise. Light salmon with dark eye	1.60	13.00
White with Carmine Eye	1.20	10.00
New Ruffled Mixed	2.00	18.50
White Crested	1.60	13.00
Binnewies Strain Mixed	1.20	10.00

Double Cyclamen

It is a full double petaled flowering strain, the individual flowers averaging 10 petals. Seed from originator.

Admiration—A beautiful salmon rose with shaded eye, a very bright shade and a good seller.

Cerise Brilliant—Rich cerise red.

Prosperity—Described by many as an azalea type, a flaming rose with a distinct clear color, extra fine and a heavy bloomer.

Rosea—A soft rose with a coral cast shading lighter at tips.

Four Varieties Mixed.

Each of above four and mixed, 100 seeds $2.50; 1,000 seeds, $20.00.

CYCLAMEN—Continued

Dlabka Strain—German Strain

Bright, strong colors, finely formed flowers, its blooming period is longer than other strains, which keep the plants in saleable condition for a greater length of time.

	100 Seeds	1000 Seeds
Alpine Glow. The color is a glowing salmon in the center of the flower while the upper part of the petals is silvery white, exactly like the peak of a mountain covered with snow and tinted by the sunset with a rich salmon red color	$2.00	$18.00
Bright Red	1.20	10.00
Fanal. Fiery salmon red	1.80	16.00
Pearl of Zehlendorf. Dark salmon	1.40	12.00
Pure Rose	1.20	10.00
Pure White	1.20	10.00
Rose of Zehlendorf. Light salmon	1.40	12.00
Red with Salmon Hue	1.40	12.00
Salmon Scarlet	1.80	16.00

Calendula—Forcing Varieties

	Trade pkt.	Oz.
Ball Apricot.		
Ball Gold. Has long stem and extra large, uniformly double flowers.		
Ball Lemon Queen.		
Ball Long Orange. Long-stemmed, light center clear orange.		
Ball Masterpiece. Extra long-stemmed deep orange with brown center.		
Ball White (Moonlight). The lightest in color of all the Calendulas, being a beautiful soft cream yellow. A very charming shade.		
Each of the above Ball Varieties ... ¼ oz., 60c; 2 oz., $3.50; 4 oz., $6.50; lb., $20.00	$0.40	$2.00
Ball Varieties. Mixed ¼ oz., 50c	.30	1.50
Sensation. Long stems, very double, brilliant orange flowers with a crimson or scarlet sheen. The blooms are very flat in shape ¼ oz., 25c; lb., $8.00	.15	.80

DRACAENA Indivisa. Narrow green leaves. lb., $4.00	.15	.40
Australis. Green and red colored leaves	.20	.80

EXACUM Affine. Very dwarf, fragrant, light blueflowers, excellent pot plant. ¼ oz., $1.60; trade pkt., 50c.

Affine Atro-Coeruleum. Dark blue. ¼ oz., $2.25; trade pkt., $1.00.

TYPE OF OUR GREENHOUSE CALENDULA

CANDYTUFT Giant Hyacinth Flowered. Tr. pkt., 20c; oz., 75c; lb., $7.50.

Candytuft

		Tr. pkt.	Oz
Giant Hyacinth-Flowered. Select, pure white, 12 in. The best strain in existence	4 oz., $2.25; ½ oz., 40c; lb.,	$7.50	$0.20	$0.75
Coronaria Empress. White	lb.,	2.40	.10	.25
Umbellata Carminea. Carmine, 12 in.	lb.,	3.60	.15	.40
Alba. White, 12 in.	lb.,	3.60	.15	.40
Flesh-Pink. 12 in.	lb.,	3.60	.15	.40
Lilacina. Lilac, 12 in.	lb.,	3.60	.15	.40
Purpurea. Crimson, 12 in.	lb.,	3.60	.15	.40
Rose Cardinal. Rose-pink, 1 ft.	lb.,	4.40	.15	.50
Mixed	lb.,	2.40	.10	.30

Gloxinia Hybrida

Vaughan's Columbian Mixture is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. Trade pkt. (about 1,000 seeds), $1.00; 1/32 oz., $2.50.

Vaughan's "Beacon." Flowers rich dark red. The plants produce from 50 to 70 flowers and this is only possible with a strain producing many flowering side growths. A fully grown plant makes about three dozen leaves and if one or more leaves are broken, they may be cut off without deforming the plant. Flexible leaves making for easier wrapping and packing. 1,000 seeds, $1.00; 1/64 oz., $1.50

		Trade pkt.	Oz.
Donau. White with broad blue margin		1.00	.....
Emperor Frederick. Scarlet, white margin	1/64 oz., $1.50	1.00	.....
Emperor William. Dark blue, bordered white	1/64 oz., $1.50	1.00	.....
Othello. Purple	1/64 oz., $1.50	1.00	.....
Scarlet Queen. Deep scarlet	1/64 oz., $1.50	1.00	.....
Snow Queen	1/64 oz., $1.50	1.00	.....
Wandsbeker Blut. Large brilliant dark red flowers. The leaves are soft, do not break.	1/64 oz., $1.50	1.00	....
Waterloo. Black red, passing to deep carmine	1/64 oz., $1.50	1.00	.....
Gigantea Mixed	1/64 oz., $1.40	1.00	.....

GESNERIA Robusta Perfecta Hybrids. A fine pot plant. It belongs to same as class the Gloxinias and needs same culture in greenhouse ..... 1.00 .....

		Tr. pkt.	Oz
GREVILLEA Robusta. Silk Oak. Good for fern dishes	lb. $8.00	$0.15	$0.80
GYPSOPHILA Elegans Carminea. Deep rose	lb., $2.40	.10	.25
Grandiflora Alba. London Market Strain. Ours is the improved 8-9 overlapping petal strain. Pure white, not to be confused with the ordinary 4-5 petal stock. ¼ lb., 50c; lb., $1.60	5 lbs., 6.50	...	.20
Crimson	lb., $2.40	.10	.25
Elegans, Crimson	lb., $2.40	.10	.20

Kalanchoe

Globulifera Var. Coccinea.

Popular Winter-flowering pot-plant. We highly recommend this novelty from Madagascar as a very floriferous and attractive pot plant.

In form they are similar to the well known Bouvardia flower, but the color is a very bright scarlet. That the flowers do not fade is of great advantage to the sale of plants and, last but not least, they develop their flowers in the wintertime when such a rich coloring is in demand. Complete culture instruction with seeds. **1,500 seeds, 60c; 3,000 seeds, $1.00.**

KALANCHOE Globulifera Var. Coccinea

LISIANTHUS Russellianus (Eustoma). An excellent pot plant with rich deep lilac flowers with black center and yellow stamens. Sow in heat in Spring, keep fairly moist during Summer, warmer through Winter and put into 8 in. pots in Spring. 1⅔ ft. Tr. pkt. $0.75

GLOXINIA Type of Vaughan's Columbian Mixture

ANNUAL LARKSPUR GIANT IMPERIAL

Annual Larkspur

Larkspurs are one of the annuals which have been introduced successfully as a greenhouse cut-flower proposition recently. The ease of culture, short time of production and low initial cost of seed make this one of the best catch crops a florist can plant.

To get satisfactory germination from Larkspurs in the hot summer, it is necessary to chill the seeds in an ice box for several days before sowing.

GIANT IMPERIAL—4 ft.

This type is the most desirable for outdoor growing. A new race of annual Larkspur of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

			Trade pkt.	Oz.
Blue Bell. Fine medium blue, deeper than sky blue, lighter than lilac	lb.,	$10.00	$0.25	$1.00
Blue Cockade. Rich lilac blue	lb.,	10.00	.25	1.00
Blue Spire. Dark blue	lb.,	10.00	.25	1.00
Carmine King	lb.,	10.00	.25	1.00
Coral King. Blush pink with a suffusion of coral	lb.,	10.00	.25	1.00
Daintiness. Delicate lavender	lb.,	10.00	.25	1.00
Dazzler. Rich scarlet	lb.,	10.00	.25	1.00
Exquisite Pink Improved. Salmon-pink	lb.,	10.00	.25	1.00
Gloria Improved. Rich deep rose salmon	lb.,	10.00	.25	1.00
Lilac Spire. Beautiful lilac colo	lb.,	10.00	.25	1.00
Los Angeles. Salmony scarlet	lb.,	10.00	.25	1.00
Miss California. Deep pink on salmon	lb.,	10.00	.25	1.00
White King. Glistening pure white		.....	...	....
Early flowering	lb.,	10.00	.25	1.00
White Spire. Pure white flowers	lb.,	10.00	.25	1.00
Vaughan's Special Mixed. All colors	lb.,	8.00	.20	.80

STOCK-FLOWERED—4 ft.

			Tr. pkt.	Oz.
Dark Blue	lb.,	$5.00	$0.20	$0.50
Empress Rose. Hermosa pink	lb.,	5.00	.20	.50
La France. Salmon pink	lb.,	5.00	.20	.50
Lilac	lb.,	5.00	.20	.50
Lilac Supreme. Deep lilac	lb.,	5.00	.25	.50
Newport Pink	lb.,	5.00	.20	.50
Rosamond. Pure rose which does not fade	lb.,	5.00	.20	.50
Rose Queen. Deep rose pink without salmon shading	lb.,	5.00	.20	.50
Sky-Blue (Ageratum Blue)	lb.,	5.00	.20	.50
White	lb.,	5.00	.20	.50
Vaughan's Special Mixed	lb.,	4.00	.15	.40

IMPROVED GIANT HYACINTH-FLOWERED 45 in.

Plants produce one long non-branching spire.

			Tr. pkt.	Oz.
Blue, Pink, White, Purple, Lilac. Each	lb.,	$8.00	$0.25	$0.80
Mixed Improved Giant Hyacinth Fld.	lb.,	5.00	.15	.50

Annual Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."

			Tr pkt.	Oz.
Hartwegii. Dark Blue, Oxford-Blue, 24 in.	lb.,	$3.00	$0.10	$0.30
Albus. White	lb.,	3.00	.10	.30
Light Blue. Cambridge-Blue	lb.,	3.00	.10	.30
Rose Queen. The color is rose-pink	lb.,	$4.00	.15	.40
Mixed	lb.,	2.00	.10	.20
Giant or King Lupinus. This improved new giant strain reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.				
King Blue	lb.,	$5.00	.15	.50
King Sky-Blue	lb.,	5.00	.15	.50
King White	lb.,	5.00	.15	.50
King Mixed	lb.,	5.00	.15	.50
Luteus Romulus. Yellow, very fragrant, 12 in.	lb.,	$4.00	.15	.40
Sulphureus Superbus. Annual Yellow. Takes well of the Chicago market, 28 in	lb.,	$4.00	.15	.40

Marigold

Seed sown August 21 and grown on cool, produced wonderful plants which were in full flower four months later, in time for Christmas display in Garfield Park Conservatory.

Alldouble Orange and Alldouble Lemon. Each, Trade pkt., 25c; ¼ oz., 50c; oz., $1.50; 4 oz., $5.00.

Chrysanthemum Flowered Incurved Mixed. This new strain is identical in form of flower to a lovely incurved Chrysanthemum The plants are very floriferous and the stems are good and strong fot cutting. Colors vary from deep orange to light orange and from deep yellow to light yellow. Trade pkt., 35c; ¼ oz., 80c; oz., $2.80.

Yellow Supreme. Rich creamy, broad loose-leaved petals of honey fragrance. Trade pkt., 25c; ¼ oz., 40c; oz., $1.25; 4 oz. $4.00.

Guinea Gold. Semi-double type with long loose petals. Brilliant shade of orange flushed with gold. 2½ ft. Trade pkt., 25c; ¼ oz., 40c; oz., $1.40; 4 oz., $4.00.

Prince of Orange. True fistulosa type, new, largest well formed flowers. Glowing orange, more solid than All Double. Best variety for shipping. When 6 to 8 inches high, pinch so as to make them branch. 2½ ft. tall. Trade pkt., 25c; ¼ oz., 50c; oz., $1.60.

Lieb's Winter Flowering. Mahogany brown with golden yellow crested center. Trade pkt., 50c; ¼ oz., $1.00.

Lieb's Winter Flowering Sunshine. New. Golden orange, yellow center. Trade pkt., 50c.

Australian Tall Tree. 4½ ft. Golden yellow and brown. Latest for winter blooming. Trade pkt., 25c; ½ oz., 60c; oz., $1.00.

Mignonette

	Tr. pkt.	Oz.
True Machet. Vaughan's Selected Stock. The seed we offer produces dwarf, vigorous plants of pyramidal growth, with thick, stout flower stalks. ¼ oz., 25c	$0.15	$0.80
Giant Rocket. Mammoth red spikes	.15	.50
New York Market. This is an extra choice strain of Mignonette for greenhouse culture. Greenhouse grown seed ¼ oz., $1.60	.75	....
The Ball. The flower spikes are especially heavy and lighter in color than other varieties ¼ oz., $1.80: ½ trade pkt., 60c	1.00	6.00

Double Nasturtium

Makes good cutting material as the flowers keep well in water and are quite fragrant. Semi-double flowers, on long, stiff stems.

		Oz.
Tall Golden Gleam. Semi-double, fragrant yellow ¼ lb., 30c; lb., $1.00.		$0.10
Orange Gleam. Orange ¼ lb., 30c		.15
Salmon Gleam. Golden salmon ¼ lb., 30c		.15
Scarlet Gleam. Bright orange-scarlet lb., $1.20		.15
Supreme. Salmon cerise ¼ lb., 30c		.15
Glorious Gleam Hybrids. Wonderful range of color and semi-double flowers ¼ lb., 30c; lb., $1.00		.15
Dwarf Golden Globe. Dwarf type of Golden Gleam ¼ lb., 50c; lb., $1.60		.15
Globe of Fire. Fiery scarlet ¼ lb., 60c; lb., $2.00		.20
Gem Mixed ¼ lb., 30c; lb., $1.00	....	.15

PRIMULA Obconica Grandiflora Fassbender Red

PRIMULA Malacoides Double White

Primula Obconica

Grandiflora Avalanche, White
Bavaria, Blood red
Konigsee, Sky-blue

These three new varieties come well recommended from a German Specialist. Flowers large, of good substance and brilliant colors. Each of the above, 1000 seeds, $1.00.

			Tr. pkt.
Gigantea Rosea. Fine	1/32 oz.,	$2.00	$1.00
Salmon Queen. 8 in.	1/64 oz.,	1.80	1.00
Mixed	1/32 oz.,	1.80	.50
Grandiflora Alba. White	1/64 oz.,	1.20	.50
Appleblossom. Pink			.50

"Better Days." Deep carmine red. Very large flowering. The compact, well-branched growth is very symmetrical and the mass of flower heads show evenly above the dark green foliage, on strong stems. 1/64 oz., $2.00; trade pkt., $1.00.

			Tr. pkt.
Dark Blood Red. New	1/64 oz.,	2.00	$1.00
Fassbender Red. Flowers rich deep red, of enormous size	1/64 oz.,	$1.80;	1.00
Lachsrosa (Friesdorf). A beautiful salmon-rose	1/64 oz.,	$1.50	.50
Mueller's (Berlin) Rose	1/64 oz.,	1.40	1.00
Mohnstein's Dark Red	1/64 oz.,	1.80	1.00
Rose Queen. Large, perfect blooms of great substance, bright carmine rose	1/64 oz.,	$1.80	1.00
Mixed	1/32 oz.,	1.20	.50

We can supply the above Primula Obconica in sealed glass tubes at an additional cost of 10 per cent.

Primula Chinensis Stellata

This type is indispensable for general decorative work. The plants are very floriferous and bloom for a long period. It is a good keeper, the flowers remain fresh in water for many days.

Giant Blue Star. Giant Salmon Pink Star. Giant White Star. Giant Star Mixed.

Each of the above, Tr. pkt. (250 seeds), 50c.

Primula Chinese Giant

Trade pkt. of any of the following, 250 seeds, each, 50c.

Chiswick Red Improved. Red.

Covent Garden White.

Giant Pink. Extremely large petals of great substance.

Giant Salmon. Massive heads of flowers of great substance.

Queen Mary. Rose-pink.

True Blue.

Giant Mixed. Includes this year a number of new shades. Trade pkt., 50c; 1/32 oz., $2.80.

Vaughan's International Mixture. Trade pkt., 50c; 1/32 oz., $2.00.

Dazzler. A brilliant and unique shade of orange-red, exceptionally floriferous and long lasting, robust constitution. Trade pkt., 250 seeds, $1.00.

PRIMULA OBCONICA
Double Portland Beauty

Ranging in color from light pink to rose-pink, this fine variety takes a prominent position in the Primula Obconica class. Coming about 80 per cent full double, the flowers are borne on long stems that are exceptionally valuable for florist work. Also, the flowers open slowly so that the selling season is materially lengthened.

Trade pkt. (500 seeds) $1.50

Primula Various Sorts

			Tr. pkt.
Malacoides Courtland Seedling. Clear lilac pink, very brilliant	1000 seeds,		$0.50
Dawkin's Carmine Pink	1/64 oz.,	$1.80; 1000 seeds,	.50
Salmon Rose	1/32 oz.,	$1.20	.50
Princess Mary. Deep rose pink	1/64 oz.,	$1.00	.50
Snow Queen. Single white	1/64 oz.,	$1.00; 1000 seeds	.50
Double White. A new and popular sort	1/32 oz.,	$1.80; 1000 seeds	.50
Erikssoni, Baby Rose. Deep rose	1/32 oz.,	$2.00; 800 seeds, $1.00	....
Baby Doll. Frilled deep pink	800 seeds,	$1.00	....
Brilliancy. Opens lavender changing to crimson-red	1/64 oz.,	$1.60; 800 seeds, $1.00	....
Snow King. Pure white	500 seeds,	$1.00	....
New Baby. Lavender-pink	1/64 oz.,	$1.80; 800 seeds, $1.00	....
Salmon Beauty. True salmon	1/64 oz.,	$1.80; 800 seeds, $1.00	....
Wonder Baby. Pink	800 seeds,	$1.00	....

Any 6 Trade pkts. of the Erikssoni Primulas for $5.00.

Mixed	1/32 oz.,	$1.80	.50
Race Oranienburg (Dr. Bohnert). Color bright violet with yellow eye. Splendid for cut and pot culture.	1/32 oz.,	$1.80	.50
Kewensis. Yellow. Decorative, winter flowering greenhouse plant. 12 in.	1/32 oz.,	$1.20	.50

Vaughan's Giant Pansies

See Front and Back Cover for Swiss and Maple Leaf Varieties.

SEPARATE SORTS	Trade pkt.	¼ oz.	Oz.
Adonis. Light blue, white center	$0.25	$0.40	$1.40
Apollo. Bronze	.25	.50	1.60
Beaconsfield. Deep purple, upper petals white	.25	.40	1.40
Black. Large flowered, true black	.25	.50	1.60
Blue Boy (Early Flowering). Clear, pure, silvery lilac. The plants grow very compact and have a robust foliage. The single blooms are of noble form—2¾ to 3½ in. in diameter	.25	.40	1.40
Coronation Gold. Flowers canary yellow with lower petals flushed golden orange, round flowers as much as 3 in. across, with slightly ruffled edges, mild spicy scent. Some flowers show rays and lighter yellow flowers. ⅛ oz., $1.50	1.00	2.80	10.00
Bugnot. Shades of red, bronze and cardinal	.25	.70	2.40
Rembrandt. Compact habit of plant, long stemmed, five blotched, vivid bronze-orange	.50	1.20	4.20
Cardinal. Brilliant red	.25	.60	2.00
Emperor William. Dark navy-blue	.25	.40	1.40
Fanal. Brilliant scarlet without an eye. ⅛ oz., $1.00	.35	....	....
Golden Queen, without blotches	.25	.40	1.40
Madame Perret. Shades of pink and rose	.25	.40	1.40
President McKinley. Golden yellow, five spotted	.25	.60	2.20
Prince Henry. Darkest blue	.25	.40	1.40
Purple. Very large, rich deep purple	.25	.40	1.40
White with Dark Eye. Very large	.25	.40	1.40
White, Pure. Without blotches	.25	.40	1.40
Yellow with Dark Eye	.25	.40	1.40

Baby Delight. An ideal pansy for spring blooming. Extremely early flowering, blooming in 70 days from seed. Makes dwarf but compact bushy growth with a height of not more than 8 in. The flower is lovely light blue, with a pleasing "face," about 1 inch in diameter. Trade pkt., 50c; ⅛ oz., 80c.

MATRICARIA

Double Select White (Ball's Double White). This is the one and only fully double flowering pure white strain of Feverfew from seed. It is 98% true to the description. For spring forcing sow in early summer plant indoors after first good frost. Responds readily to additional light. 30 inch. Trade pkt., 35c; ⅛ oz., $1.00.

GIANT MIXTURES

America, Special Florist Strain. Good substance with wide color range. Free flowering. Trade pkt., 50c; ¼ oz., $1.80; oz., $6.00; 4 oz., $20.00; lb., $70.00.

Boulogne Giant Mixture. The flowers are large size, great substance. Trade pkt., 75c; ¼ oz., $2.60; ⅛ oz., $1.40.

Don's Winter Flowering. Remarkably floriferous. Trade pkt., $2.00.

Donovan's Strain. Used by Michigan growers. Trade pkt., 50c; ¼ oz., $1.40; oz., $5.00; lb., $60.00.

Engelmann's Special Mixture. Scottish show type, immense flowers, bronze and reddish shades, compact and early flowering Trade pkt., 50c; ⅛ oz., $1.20; ¼ oz., $2.25; oz., $8.00.

Engelmann's Giant Mixture. Dark and light shades, huge flowers, compact and early flowering. Trade pkt., 50c; ⅛ oz., $1.20; ¼ oz., $2.25; oz., $8.00.

Early-Flowering Giant, Mixed. These come into bloom 4 to 5 weeks before other varieties planted at same time. Trade pkt., 15c; ¼ oz., 30c; oz., $1.00; lb., $12.00.

Giant Art Shades. A lovely type, including only pretty tints and combinations of cream, primrose, pale mauve and other delicate shades, the well-formed flowers being exquisitely frilled. These delicate shades should not be mixed with stronger colors. The growth is very robust, with dark green heavy leaves. Trade pkt., 50c; ⅛ oz., $1.50; oz., $8.00.

Jumbo Mixed. Extra large and early; long stemmed flowers 1/16 oz., $1.00; ⅛ oz., $1.75; ¼ oz., $3.25; ½ oz., $6.25; oz., $12.00.

Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades. Trade pkt., 25c; ¼ oz., 60c; oz., $2.20.

Trimardeau Mixed. Many colors. Trade pkt., 15c; ¼ oz., 30c; oz., $1.00; lb., $10.00.

Triumph of the Giants. A mixture of brilliant colored varieties raised by a European specialist. Trade pkt., 35c; ¼ oz., 85c; oz., $3.00.

How to Sow Pansy Seeds. Sow the seeds in a cold frame in light soil without any fertilizer. Cover the seeds very lightly with the same soil and keep moist Shade the seed bed with cheesecloth or a muslin screen, and as soon as all the plants are up remove the screen. Or you may sow them in a large pot or seed pan.

To be certain of fine, strong Pansy plants, we suggest the following, applying as a top-dressing by the end of March or early April:

2 parts dried blood 2 parts steamed bone meal 1 part potash

See page 25 for Viola Cornuta or "Horned Violet." These may be treated as annuals and are extremely useful for edgings or small beds. They delight in the sun and bloom continously all summer.

SAINTPAULIA Ionantha Grandiflora

Saintpaulia Ionantha Grandiflora

(African Violet)

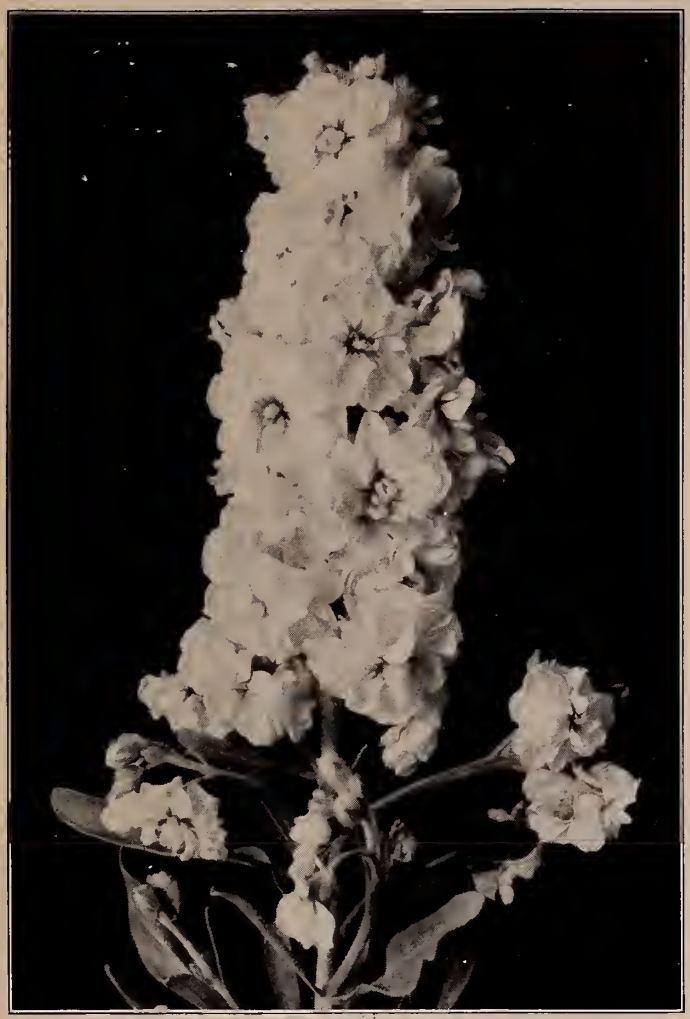
The large dark-blue flowers which resemble violets, are produced very freely; plants having as many as 25 blossoms and more at one time are not unusual. The attractive small velvety leaves, which are almost stemless, form a neat cushion from which rise these attractive flowers. The plants can be kept in flower throughout the year, given only a short rest period by withholding water. Complete, detailed cultural instructions are sent with the seed.

1-128 Oz., $7.00. Trade Pkt. $1.00

	Trade pk.	Oz
Ionantha Cordata. Dark cordated leaves, strong growth and large flowers of a deep lavender color. Blooms in 6 months from seed	$1.00	....
Kewensis. Small delicate green leaves. The shining blue flower, reminding one of violets, contrasts well with the light green rosette of leaves	1.00	....

IMPORTANT NOTICE

For your own protection as a Florist or Nurseryman entitled to the wholesale prices given in this list, we request you to reserve Vaughan's Mid-Summer List for your own use. The prices quoted are for the trade only, and we decline to accept orders at these prices from persons not in the trade.



STOCKS Giant Bismarck Shasta

Stocks

Varieties preceded by (★) star are the most popular colors.

Our Stock seed is secured from the most reliable growers, who devote much time and attention to rogueing and selecting, and better seed cannot be had. We have furnished seed for many years to the most critical growers of this plant.

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2½ ft., high and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

American Beauty, (deep rose).
Ball Blue. Dark lilac blue.
Brilliant Rose.
Chamois Pink.
Crimson.
Light Blue.
★Malmaison Pink. Beautiful shell pink.
Moonlight. Light yellow.
Ruby. Rich crimson red.
Satin Rose.
★Silvery Lilac. Lilac lavender.
★White.

Each of the above: ½ trade pkt., 60c; 1,000 seeds, $1.00; ⅛ oz., $1.25; ¼ oz., $2.25; Oz., $8.00.

Non-Branching Column. Mixed. All colors. ½ Trade Pkt., 50c; Trade Pkt., 75c; ⅛ oz., $1.20; ¼ oz., $2.25; Oz., $8.00.

Ball Pink (No. 11). Light rose pink exact shade of Bismarck Rose. Long stemmed flowers, well placed on stem. A very pleasing new color in the Non-Branching type. ½ Trade Pkt., 60c; Trade Pkt., $1.00; ¼ oz., $2.25; Oz., $8.00.

Orchid Pink. A valuable addition to non-branching column made by an Eastern specialist. We offer yearling seed, will produce 70% double flowers. ½ Trade Pkt., 60c; Trade Pkt., $1.00; ⅛ oz., $1.50; ¼ oz., $2.70; Oz., $10.00.

GIANT BISMARCK

One of the best Stocks, both for inside and outside planting The plants grow in pyramidal form, about 20 inches, are strong and robust and are covered with large double flowers. If planted closely they make one spike with hardly any side branches.

Antique Copper **Appleblossom.** (Used by many for white.)
★Buttercup. Deeper shade than Gold Ball.
★Chamois **Dark Blue** **Elk's Pride.** Royal purple.
Flesh. Delicate Pink **Fiery Blood-Red** **Gold Ball**
Golden Rose **★Lavender** **★Lilac** **★Rose**
★Shasta. Vigorous, glistening white.

	Trade pkt.	Oz.
Each of the above.....⅛ oz., 60c; ¼ oz., $1.00	$0.35	$3.00
Giant Bismarck, Mixed. All colors.....¼ oz., 60c	.25	2.20
★White Wonder. It is a tall growing variety of the Bismarck type in habit. The heads are very large and the individual flowers are closely set and of extraordinary size.....⅛ oz., $1.20	.50	8.00

GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

Blood Red "The Red Woods"
Blue "Pacific"
Chamois "Santa Barbara"
Lavender "Tahoe"
Pink "Monterey"
Rose "Yosemite"
White "Santa Maria"
Yellow "Golden Gate"

Each of above, **Trade pkt., 35c; ⅛ oz., 65c; ¼ oz., $1.15; oz., $4.00.**

Mixed, the above, **Trade pkt., 25c; ⅛ oz., 60c; oz., $3.40.**

GIANT PERFECTION—Cut and Come Again

Canary (Yellow)
La France (Flesh)
Sapphire (Dark Blue)
Scarlet
Sky Blue (May Queen)
Rose
White (Improved Snowdrift)
Empress Augusta Victoria (Silvery lilac.)

	Trade pkt.	Oz.
Heatham Beauty. Rose shaded terra cotta.		
Each of the above.....¼ oz., 60c; ⅛ oz., 35c	$0.25	$2.20
Giant Perfection, Mixed. All colors.....¼ oz., 50c	.25	1.80

Streptocarpus (Cape Primrose)

NEW ENGLISH HYBRIDS

A superb strain with a wide range of colors. Lovely in shades of pink, mauve, lavender, white, deep rose, carmine and blue, some with white throats, others penciled. The flowers attain a diameter of 2 inches and over, similar to Gloxinias. They are borne on wiry stems. A fine pot plant for winter-blooming. The seeds are small and require but very little covering. For soil use the same as for Gloxinias and should be grown rather cooler than Gloxinias.

Red **Sky Blue** **Rose** **Snow White**

Each of the above, Tr. pkt., $1.00

Largest Hybrids Mixed, Tr. pkt., $1.00; ¼ oz., $1.80

Sedum Bellum "Dondo"

A NEW WINTER-BLOOMING POT PLANT

This new sedum forms dense little clumps literally covered with small white flowers. The plants grow 10-12 inches in height and when older the fleshly branches hang over the edge of the pots forming a a most charming and attractive subject. Pkt., 60c,

SEDUM BELLUM "DONDO"

Sweet Peas Early Flowering Spencer Novelties

INTRODUCERS' DESCRIPTIONS

4 ounces and upward of one variety supplied at pound rate. Unless otherwise noted less than 4 ounces of one variety at ounce rate. Duplexed varieties often have 3 to 4 standards and the same number of wings, giving the appearance of a semi-double flower

SWEET PEAS EARLY FLOWERING DAPHNE.

All our Sweet Pea seed sent to you will be treated with Cuprocide (red copper oxide), unless ordered without this treatment.

Various sowings have proved that Sweet Pea seeds treated with Cuprocide are less liable to rot, especially during the germination period in the ground. We believe that seeds treated with Cuprocide will give you a greater percentage of germination than untreated seeds, which have a tendency to rot in soil that is too wet.

Sweet Pea seed treated with Cuprocide **must not be soaked before sowing.**

★We recommend the starred varieties as the best of their colors.

Boon. Deep salmon pink on light cream ground. ½ oz., 20c; oz., 35c; 4 oz., $1.20; lb., $4.00.

Bridesmaid. A charming deep silvery pink color with stems unusually long. The flowers are large and bold and have great substance, which will make it ideal for shipping. Growth vigorous. ½ oz., 20c; oz., 35c; 4 oz., $1.20; lb., $4.00.

Chime. A most pleasing shade of light salmon pink on cream ground. Oz., 30c; 4 oz., $1.00; lb., $3.40.

Cinderella. A clear light blue, a suitable companion for the many delightful pink shades which exist. The shade is a pale or silver blue without mauve tint. Flowers large and highly frilled. Award of Merit International Flower Show, New York City, March, 1938. Oz., $1.50; 4 oz., $5.00; lb., $17.50.

Colleen. Sprays of four sweetly fragrant, brilliant rose suffused with gold blooms. Turning to a rich golden rose under artificial light. Oz., 40c; 4 oz., $1.25; lb., $4.80.

Danube. This magnificent mid-blue is best suited for color work in the daytime, when it shows off to perfection. Large, ruffled blooms of a clear lavender blue, on long straight stems in sprays of four. ½ oz., 30c; oz., 50c; lb., $5.00.

Daphne. A soft salmon pink on a cream ground. The flowers are of great size, with beautifully expanded and waved standards. Many of the blooms are duplex and borne on long and stout stems. Was exhibited at the International Flower Show in New York where it was awarded a Silver Medal. Oz., 50c; 4 oz., $1.65; lb., $6.00.

Emblem. Outstanding for its unusually long stems, on which are borne three and four bright salmon-cream pink flowers, beautiful salmon-pink tone on the cream ground. ½ oz., 25c; oz., 40c; 4 oz., $1.15; lb., $4.20.

Florist Blue. The color is a clearer and purer blue, the stems are longer and the plant has more vigor than any other blue Sweet Pea introduced. Oz., 60c; 4 oz., $1.75; lb., $6.40.

Florist Rose. The color is a pure rose-pink, richer and slightly deeper than the popular Annie Laurie. The blooms are immense. It is very floriferous and a long, continuous bloomer. ½ oz., 35c; oz., 60c; 4 oz., $1.75; lb., $6.40.

Princess Blue. A delightful and pleasing shade of silvery or Delphinium blue. The flowers have large bold standards and wide-spreading wings, both standard and wings holding to the same rich blue color. A vigorous grower. Oz., 50c; 4 oz., $1.65; lb., $6.00.

Sequoia. A rich golden salmon cerise pea, frilled and wavy. The flowers are enormous on long stout stems and the plants strong vigorous growers. Oz., 35c; 4 oz., $1.15; lb., $4.00.

Shirley Temple. The color is softer and more beautiful than Pinkie. It has long stems with four very large blooms on each stem. Oz., 40c; 4 oz., $1.20; lb., $4.00.

Sonnet. The flowers are very large, borne on long stout stems by very vigorous growing vines. The flowers are bold, although very large, and the delicacy of the soft pink shade makes a truly sweet bunch. Oz. 40c; 4 oz., $1.20; lb., $4.00.

Sunproof Orange. Of a bright scarlet orange hue—with a hint of more orange in the standard. Oz., 50c; lb., $5.00.

Tahoe. A shade between Mrs. Herbert Hoover and Blue Bonnet, but coming with large, wavy flowers. Both the wavy standards and ruffled wings have the same delightful shade of mid-blue. 1 oz., 50c; 4 oz., $1.65; lb., $6.00.

Top Hat. Deep purple-blue. Oz., 30c; 4 oz., $1.00; lb., $3.40.

★**Triumph.** The color is lovely soft lilac-mauve—a beautiful clear shade without any tinge of purple or blue. ½ oz., 20c; oz., 35c; lb., $4.00.

White Champion. Early flowering pure white variety with white seed. Long stemmed. Usually carrying four flowers to a stem. An Australian variety which has become popular in Los Angeles market. Oz., 40c; ¼ lb., $1.20; lb., $4.00.

Zvolanek's Salmon. Salmon cerise, large flowers, strong stems. ½ oz., 25c; oz., 40c; 4 oz., $1.15; lb., $4.00.

Zvolanek's Supreme Orange. Clear orange, large flowers, strong stems. Oz., 40c; 4 oz., $1.15; lb., $4.00.

GENERAL LIST EARLY FLOWERING SPENCER

Any of the below, except where noted otherwise, ½ oz., 20c; 1 oz., 30c; ¼ lb., $1.00; lb., $3.40.

BLUE

Ball Blue. Clear mid-blue, good bloomer.

Blue Bonnet. Extra large, fine deep blue.

Blue Boy. Clear blue.

Eleanor Blue. Long stems.

Mariner. A vigorous grower, four large flowers being borne on long, stout stems. The clear blue flowers are practically without any tint of mauve shading at any stage.

★**Mrs. Herbert Hoover.** "The California Blue." Vigorous growth, great length of stem, uniform blue.

CREAM

Oriental. Deep cream, black seeded, large flowers.

LAVENDER

Burpee's Lavender. Lovely light Wisteria lavender.

Fragrance (Intermediate). Large frilled lavender flowers, sweetly fragrant.

★**Harmony.** Lavender.

Lavanda. Large clear lavender flowers.

Michigan. A mammoth dark, pure lavender.

★**Vogue.** An improved Early Harmony, standard lilac lavender flushed rosy lavender and wings clear lilac-lavender. Delicious fragrance.

Sweet Peas,

General List Early Flowering Spencers—Continued

Any of the below, except where noted otherwise, ½ oz., 20c; 1 oz., 30c; ¼ lb., $1.00; lb., $3.40.

SALMON

★**Apollo.** A soft salmon pink. Flowers large, long stemmed.
Attraction. Bright salmon pink.
★**Mrs. Calvin Coolidge.** Rich salmon, pink.
Spring Song. Salmon-pink on cream ground.

ROSE AND PINK

Annie Laurie. Richest tone of pure rose pink.
American Beauty. Strong, heavy growth, good thick, long stems, a rich crimson rose.
★**Ball Rose Improved.** Extra rich deep rose.
Colossal Rose. Largest rose pink, long stem.
Columbia (Intermediate). Salmon rose standard, white wings.
★**Eileen.** Rich Begonia-rose with salmon shading.
Exposition Pink. Large waved rich pink, long stems.
Giant Rose. Rose-pink.
★**Jeanne Mamitsch.** Striking pink, shading off to deepest pink.
★**Josie.** This variety is without doubt the largest and longest stemmed pink Sweet Pea in existence. There is not even one of the summer flowering which can show larger and longer stems. Free bloomer.
★**Laddie Improved.** An enormous rose-pink.
Majestic Rose. Immense deep rose-pink flowers on long stems.
Mother Machree. A golden rose suffused coral. The flowers are large and perfectly formed on long stems. Strong grower.
★**Mrs. Holscher.** Rose-pink.
Mrs. Reddick. Brilliant flesh pink with suspicion of salmon, semi-duplex.
Pride. Pure cerise, large flowers on long stems.
Ramona. A delightful luminous coral rose with yellow and pink shadings blended to make an exquisite shade of geranium pink. Oz., 40c; 4 oz., $1.15; lb., $4.20.

ROSE AND PINK—Continued

Success. Sparkling rose pink on white ground.
Sunray. Brilliant glowing yet soft cerise on cream ground.
Zvolanek Rose. A giant rose-pink; sow to follow the "mums."

SCARLET

★**Grenadier.** A glowing poppy-scarlet.
★**Red Bird.** Bright crimson red.
Redwood. A deep, bright-rich crimson. The flowers are large, well placed on long, stout stems and nicely waved.
Vulcan. Vivid scarlet; never burns.

ORANGE

Ball Orange Improved. 1 oz., 50c; lb., $6.00.
Ball's Orange. Clear rich orange.
Burpee's Orange. Glistening orange.
Glitters. Bright fiery-orange, wings deep orange.
Prosperity. Orange salmon suffused with amber.
★**Valencia.** Color bright orange, sun-proof.
Zvolanek's Orange Beauty. Extra large long stemmed, free blooming, fiery orange, does not burn.

WHITE

★**Hope.** A mammoth flowered black seeded pure white.
White Harmony. A standard black-seeded white.
Ball's White. A white-seeded white, rich fragrance. Extra long stems, highly recommended. ½ oz., 25c; oz., 40c; lb., $4.50.
Burpee's White. Glistening white, sweet scented. Oz., 40c; lb., $4.80.
Snowstorm Improved. White, of great substance.
Zvolanek's White Rose. Mammoth flower, beautifully shaped.

MISCELLANEOUS

Amethyst. An early-flowering "Royal Purple."
Early Flowering Spencer. Vaughan's Special Mixture from named sorts.

Schizanthus

Use Schizanthus flowers in corsages. They are long lasting and make up very attractively.

VAUGHAN'S DWARF MASTERPIECE

This is to our knowledge the best strain of Schizanthus in existence. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well-balanced from light pink to rose, very pleasing dark violet, all with conspicuous blotches. A splendid item for Mother's Day. Trade pkt., 50c; 1/16 oz., $1.00.

		Trade pkt.	Oz.
Vaughan's Excelsior Hybrids. An extra select strain with large flowers containing a perfect blend of colors for greenhouse culture. Makes a fine cut flower.	⅛ oz., $1.00	$0.50	....
Grandiflorus Hybridus Red Shades. Dwarf and compact		.35	....
Pansy-flowered. The large smooth-edged Pansy-flowered blooms are remarkably substantial, while the rich self-colors in all shades of pink, crimson, mauve and purple, as well as white, are extremely bright and attractive	⅛ oz., $1.00	.35	....
SAPONARIA Vaccaria Rose. Incorrectly spoken of as Pink Gypsophilia. The light graceful sprays of glistening flowers produced in greatest profusion.	lb., $1.40	....	$0.15
Vaccaria Alba. White	lb., 1.40	....	.15
SMILAX	lb., 5.00	.15	.50
STATICE Suworowii. Russian. Also known as "Rat Tail." Flowers bright rose color. Sow inside for winter blooming	4 oz., $2.00	.15	.60
STEVIA Serrata. White, fine cut-flower.	¼ oz., 40c	.25	1.40

SCHIZANTHUS Vaughan's Dwarf Masterpiece

ACHILLEA The Pearl.
Tr. pkt., 25c; ¼ oz., 50c; 1 oz., $1.80.

ANCHUSA Myosotidiflora.
Tr. pkt., 50c.

One of the most attractive of spring blooming perennials. A real gem for the border.

ANTHEMIS Santa Johannis.
Tr. pkt., 50c.

Seeds of Biennials and Hardy Perennials

Perennials fill a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals, quite a few may be forced, others make fine pot plants and many furnish splendid cutting material. The rock garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

SEED GERMINATES SLOWLY AND IRREGULARLY

of the following varieties and seed bed should be prepared where it will be undisturbed for a year or more.

Acanthus Mollis, Aconitum, Adonis Vernalis, Anemone, Asperula Odorata, Clematis, Delphinium Cardinale, Delphinium Zalil, Delphinium Nudicaule, Dictamnus, Dielytra, Doronicum, Gentiana, Helleborus Niger, Incarvillea, Iris, Phlox Decussata, Primulas (Alpine) Trollius and nearly all Alpines.

	Trade pkt.	Oz.
Acaena Glauca. × Silvery-green foliage, for carpeting and rock steps, 2 in. ⅛ oz., 60c	$0.25	....
Acanthus Latifolius (Bear's Breech). Fine foliaged decoration plant. 3 ft. lb., $3.00	.10	$0.30
Achillea Ageratum. × Yellow, scented, 24 in.	.25	1.20
Filipendula. Parker's Var. A splendid cut flower. The flowers, if cut when fully open, may be dried for later use. Yellow, 4 to 5 ft. ¼ oz., 60c	.25	2.20
Millefolium Kelwayi. Magenta red, 18 in. ¼ oz., 50c	.25	1.60
Cerise Queen. Dark cherry-red, 24 in.	.35	....
Rubra. Magenta red, 24 in. ¼ oz., 50c	.25	1.80
Ptarmica Fl. Pl. The Pearl. Abundant small white flowers, for cutting, 30 in. ¼ oz., 50c	.25	1.80
Perry's White. The best white.	...	....
Tomentosa Aurea. × Ferny green mats, golden umbels, 6 in. ⅛ oz., $1.20	.50	.....
Aconitum (Monk's Hood). Fischeri. Deep blue flowers in dense spikes, 30 in. ¼ oz., 50c	.25	....
Napellus. Dark blue, 36 in. ¼ oz., 45c	.25	1.40
Wilsoni. Mid-blue, large and late flowering ¼ oz., 50c	.25	1.80
Mixed. ¼ oz., 50c	.25	1.60
Adlumia Cirrhosa. Allegheny Vine. Beautiful rose flowers.	.25	....
Adonis Vernalis (Flower of the Gods, Ox Eye). Large golden yellow flowers, 12 in. ¼ oz., 50c	.25	1.60
Aethionema Coridifolium (Lebanon Candytuft). Light mallow purple, 8 in. ⅛ oz., $1.50	.35	....
Agathea Coelestis (Blue Daisy). 40 in. ¼ oz., 40c	.25	1.20
Agrostemma Coronaria Atrosanguinea (Rose Campion). Deep blood-red, 28 in.	.10	.30
Coronaria, Mixed	.10	.20
Flos Jovis. Carmine-rose, 16 in.	.10	.40
Hybrida Walkeri. Brilliant rosy-purple, 16 in.	.10	.40
Allium Pulchellum. × Brilliant loose clusters of reddish lilac flowers, August, 16 in. ¼ oz., 80c	.35	2.80
Allwoodii, see Dianthus.		
Alyssum Argenteum. × Yellow-flowered, silvery foliage, 24 in. ¼ oz., 50c	.25	1.80
Rostratum. Yellow. Free-flowering, 16 in. ¼ oz., 70c	.25	....
Saxatile Compactum (Gold Dust). Golden yellow, 12 in. ¼ oz., 25c	$0.15	$0.80
Sulphureum. Sulphur-yellow, 15 in. ¼ oz., 25c	.15	.80
Serpyllifolium. Yellow, 6 in. ¼ oz., $1.20	.35	4.20
Rock Garden Perennial Species, Mixed. ¼ oz., 1.00	.35	....
Ampelopsis Veitchi, Boston Ivy. Clean seed. Lb., 2.00	.10	.20
Anchusa Angustifolia. Navy-blue, 36 in. ¼ oz., 45c	.25	1.40
Italica, Dropmore Variety. Large, Gentian-blue, excellent perennial for cutting, 6 ft. lb., $4.00	.15	.40
Dwarf Dropmore Variety. Neat habit, flowers brighter blue than preceding. 3 ft. ¼ oz., 85c	.25	3.00
Lissadell. Clear gentian-blue. 6 ft.	.15	.60
Myosotidiflora. × Beautiful Forget-Me-Not-blue, 15 in. Flowers in April and May.	.50	....
Anemone (Windflower), Coronaria. Blue. 18 in. ¼ oz., 40c	.25	1.40
His Excellency. × Single, scarlet, 1 ft. ¼ oz., 45c	.25	1.40
The Governor. × Double bright scarlet. ¼ oz., 70c	.35	2.40
St. Brigid's Hybrids (Irish Champions). Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors. 18 in. ¼ oz., 85c	.35	2.80
Pulsatilla. × Violet-lilac, 12 in. ¼ oz., 60c	.25	2.20
Rubra. × Handsome red purple flowers ¼ oz., 90c	.35	....
Sylvestris. × White, large-flowered, 12 in. ¼ oz., 50c	.25	1.60
Anthemis Kelwayii (Hardy Marguerite). Daisy-like lemon-yellow blossoms, produced all summer, 3 ft.	.15	.50
Kelwayii Alba. Hardy white Marguerite, 3 ft.	.15	.60
Montana. × Charming species producing pure white flowers in abundance, 12 in. ¼ oz., 40c	.25	....
Tinctoria. Very useful yellow border plant, 2 to 3 ft.	.15	.50
Perry's Variety. Pale golden yellow, 2 ft. ¼ oz., 40c	.25	1.40
Sancta Johannis. Rich glowing orange Marguerite.	.50	....
Antirrhinum Asarina. × A very free flowering, creeping cream colored snapdragon for sunny rock gardens and dry walls, 6 in. ⅛ oz., 75c	.25	....

Rock Plants are followed by × and the heights given are of the plants when in bloom.

Unless otherwise quoted we supply ½ oz. at the ounce price and 4 oz. (of a variety) at the pound price.

Seeds of Biennials and Hardy Perennials

AQUILEGIA—Mrs. Scott Elliott's Strain.

ARMERIA Ruby.
Tr. pkt., 50c; ⅛ oz., $1.00.

ARABIS Alpina.
Tr. pkt., 10c; oz., 40c.

AQUILEGIA × (Columbine)

	Trade pkt.	Oz.
Alpina. Blue. A beautiful short spurred form, 24 in. ¼ oz., 50c	$0.25	$1.80
California Hybrid. A golden yellow, red spur. 3 ft. ¼ oz., 50c	.25	1.80
Canadensis. Old rose with yellow, 30 in. ¼ oz., 50c	.25	1.80
Chrysantha. Light chrome-yellow, fine, 36 in. ¼ oz., 45c	.25	1.60
Chrysantha Silver Queen. Long-spurred silvery white, 2 ft. ¼ oz., 50c	.25	1.80
Clematiflora. A cross between the Long Spurred Scott Elliott Strain and the common single one, practically fully true spurless. It is quite free-flowering, has up to 15 flowers on a plant at the same time, contains all colors but red and scarlet. ¼ oz., $1.80	.50	....
Coerulea. × Blue, Rocky Mt. Columbine, ¼ oz., 50c	.25	1.80
Mrs. Nicholls. Deep blue and bolder flower than Coerulea. ¼ oz., $1.25	.50	4.40
Rose Queen. Shades of rose with white corolla, 30 in. ¼ oz., 50c	.25	1.80
Dobbie's Imperial Hybrids. A very fine selection made by a European hybridizer. ¼ oz., 50c	.25	1.80
Flabellata Nana Alba. Pure white early flowering 12 inch. ¼ oz., $1.20	.35	4.00
Glandulosa Vera. Enormous, spurless flowers of the loveliest and purest sapphire with white corolla, 12 to 18 in. 1/16 oz., $1.80	.75	....
Jaetschaui. Large yellow with red spurs, 36 in. ¼ oz., 60c	.25	2.20
Longissima. Long spurred delicate yellow.	.75	....
Long-Spurred Blue Shades. ¼ oz., 80c	.35	2.80
Copper Queen. Copper red, straw colored corolla, 18 in. ¼ oz., $1.00	.35	3.60
Crimson Star. Crimson, white corolla. ⅛ oz., 1.20	.50	....
Orange and scarlet shades. ¼ oz., 85c	.35	3.00
Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavenders, mauves, blues, purples, whites, creams, yellows, pinks, reds, etc. lb., $32.00; ¼ oz., $1.00	.35	3.60
Rainbow Mixture of Colorado varieties. Many charming colors of our native Columbine. ¼ oz., 70c	.25	2.40
Skinneri. Scarlet spurs with yellowish-green corolla. ¼ oz., 60c	.25	2.20
Vulgaris Compacta Edelweiss. The plants are 16 to 20 inches high, and covered with large, erect, snow-white blossoms in early spring. ¼ oz., 70c	.25	....
Double White. Attractive old fashioned variety. 30 in. ¼ oz., 50c	.25	1.80
Double Old Rose. 36 in. ¼ oz., 70c	.25	2.40
Vaughan's Special Mixture. ¼ oz., 80c	.35	2.80
Arabis × Alpina. White, 1 ft. lb., $4.80	.10	.40
Alpina Grandiflora Superba. × Large white, 1 ft.	.15	1.00

ARABIS—Continued	Trade pkt.	Oz.
Alpina Nana Compacta. × 8 in. ¼ oz., 60c	$0 25	$2.00
Rosea, Pink. 1 ft. ⅛ oz., $1.00	.35	....
Billiardieri Rosea. Dwarf, pink, 8 in. 1/32 oz., 1.20	.50	....
Arenaria Montana. × White, 12 in. ⅛ oz., 1.20	.50	....
Aristolochia Sipho (Dutchman's Pipe). Large-leaved.	.25	1.20
Tomentosa. Small leaf.	.15	.80
Armeria × Alpina. Deep rose, 12 in. ⅛ oz., $1.20	.50	....
Formosa. Red, 2 ft. ¼ oz., 50c	.25	1.60
Formosa Hybrida. 2 ft. ¼ oz., 40c	.25	1.40
Glory of Holland. Giant Pink. Immense flowers borne on long, stout stems. ⅛ oz., $1.00	.50	....
Laucheana. Rosy crimson, 9 in. ¼ oz., 90c	.35	3 20
Maritima. Lilac-rose, 12 in. ¼ oz., 90c	.35	3.20
Ruby. Deep rose-colored flowers, 24 in. ⅛ oz., $1.00	.50	....
Arnica Montana (Mountain Tobacco or Snuff). × Yellow, fragrant, 20 in. ¼ oz., 50c	.25	1.80
Asclepias Tuberosa (Butterfly Weed). Orange, fine, 24 in. ¼ oz., 60c	.35	2.00
Asparagus Verticillatus. Hardy Climbing Asparagus. Red berries. ¼ oz., 50c	.25	1.80
Asperula Hexaphylla. White, excellent for cutting, 3 ft.	.15	.80
Odorata (Woodruff). Very odoriferous, white, 12 in.	.15	.80
Asphodelus Luteus. Yellow, fragrant, 3 ft. ¼ oz., 50c	.25	1.80
Aster Perennial. Large-Flowering Varieties, mixed. ¼ oz., 65c	.35	2.20
Alpinus Light blue. 1 ft. ¼ oz., 65c	.35	2.20
Albus. Pure white. 1 ft. ¼ oz., 70c	.35	2.60
Dark Beauty. Deep blue, 1 ft.	.50	....
Goliath. × Soft blue, largest flowered, fine, 15 in. ¼ oz., 80c	.35	2.80
Nixe. × Light blue, 12 in. ¼ oz., 90c	.35	3.20
Ruber. Rosy lavender (varies)	.75	....
Mixed, 15 in. ¼ oz., 65c	.35	2.20
Amellus Hybridus. New named varieties, finest mixed, 30 in. ¼ oz., 70c	.35	2.40
Beauty of Ronsdorf. Large lilac-rose flowers in great profusion; plants two feet high, branching freely; blooms in August-Sept.; 30 in. ¼ oz., 90c	.50	3.20
Roseus. Very like the Beauty of Ronsdorf, except in color, which is a clear rose. 30 in. ¼ oz., 90c	.50	3.20
Farreri. × Color is a soft tone of violet-mauve, with large golden orange disk, and flowers are from 2 to 3 inches across. June and July; creeping. ¼ oz., 70c	.35	2.60
Rotundifolius. × Bright yellow discs are surrounded with ray florets of a fine forget-me-not blue, 6 in. ⅛ oz., 70c	.50	....
Sub-Coeruleus. Star of Eisenach. × Bright lavender-blue with yellow centers, excellent cut flower. May and June. ¼ oz., $1.20	.35	4.00
Yunnanensis. Brilliant lilac-blue, flowers in early summer, 15 in. 1/16 oz., $1.00	.50	....

Rock Plants are followed by × and the heights given are of the plants when in bloom.

BELLIS Perennis Fl. Pl. Superbissima Giant.

CAMPANULA Medium Single Canterbury Bells.

Seeds of Biennials and Hardy Perennials

	Tr. pkr.	Oz.
Aubrietia × Large-Flowered Hybrids. Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in. ¼ oz., 50c	$0.25	$1.60
Bougainvillei. × Dark blue, 6 in. ¼ oz., 75c	.35	2.40
Deltoidea. × Lilac, 6 in. ¼ oz., 60c	.25	2.00
Eyrii. × Free flowering large blue ¼ oz., 60c	.25	2.00
Graeca. Large blue free flowering, 6 in. ¼ oz., 50c	.25	1.80
Leichtlini. × Large-flowered, rosy purple. ⅛ oz., 50c	.25	....
Rosea Grandiflora. × Pink, 6 in. ⅛ oz., 40c	.25	....
Whitewell Gem. × Glowing rosy purple with slight tinge of blue, 6 in. ⅛ oz., 50c	.25	....
Auricula. See Primula.		
Baby's Breath. See Gypsophila Paniculata.		
Baptisia Australis (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2-4 ft., lb., $4.00	.10	.40
Bellis Perennis × or English Daisy, 6 in...		
Longfellow. Double dark rose. ¼ oz., 40c	.25	1.40
Snowball. Double white. ¼ oz., 40c	.25	1.40
White with red center. ⅛ oz., 60c	.25	....
Monstrosa, double pink. ¼ oz., 60c	.25	2.20
Double crimson. New. ¼ oz., $1.40	.50	....
Double red (dark rose). ¼ oz., 85c	.35	2.80
Double white. ¼ oz., 60c	.25	2.20
Double mixed. ¼ oz., 50c	.25	1.80
Superbissima Giant White—The largest flowered white.	.75	....
Superbissima Giant Rose.	.75	
Tubulosa Aetna. Rich deep red. ¼ oz., 85c	.35	3.00
Bernina, white passing to pink. ⅛ oz.. 90c	.35	....
Glory of Frankfurt, brilliant dark red ⅛ oz., $1.20	.50	....
Monterosa, rose. ⅛ oz., 90c	.35	....
Titlis, carmine. ⅛ oz., 90c	.35	....
Mixed. ⅛ oz., 90c	.35	....
Vaughan's Special Mixture. . . ⅛ oz., 90c; ¼ oz., $1.50	.50	
Betonica Grandiflora. Red-purple flower heads, 1 ft. Good border plant. ¼ oz., 60c	.25	....
Bidens Atrosanguinea. The black Dahlia, 2 ft.. ¼ oz., 60c	.25	2.20
Bignonia Radicans (Trumpet Vine). Dark red, orange throat.	.15	.50
Bocconia Japonica (Plume Poppy). Panicles of small whitish flowers, 5 ft.	.10	.40
Boltonia Asteroides. White daisy flowers, 4-6 ft. ¼ oz., 85c	.35	3.00
Latisquama. Delicate pink, 4-5 ft. ¼ oz., 60c	.25	2.00
Nana. Dwarf, 3 ft. ¼ oz., 70c	.25	....
Buddleia Veitchiana. Butterfly Bush. 5 ft.. ¼ oz., 50c	.25	1.60
Buphthalmum Cordifolium (Speciosum). Orange-yellow flowers with brown centers, 36 in.. ¼ oz., 40c	.25	1.40
Salicifolium. Yellow, 18 in. ¼ oz., 40c	.25	1.40

	Trade pkt.	Oz
Calamintha Alpina. × Purple, 6 in. 1/16 oz., 80c	$0.50	....
Callirhoe Involucrata. × Large crimson flowers, trailing habit, very showy, 6 in. ¼ oz., 70c	.25	$2.60
CAMPANULA		
Alliariaefolia. Creamy white. A desirable border plant. 2½ ft. ¼ oz., 60c	.25	2.00
Collina. A new perennial bell-flower of upright, compact, bushy habit. In May and June are thickly covered with intense campanula blue pendant flowers. Excellent for edging, rockery and alpine gardens as well as in larger spaces, 8 in.	.50	....
Carpatica × (Hare Bell). Blue, 9 in. ¼ oz., 25c	.15	.80
Alba. × White, 9 in. ¼ oz., 25c	.15	.80
Mixed. × ¼ oz., 20c	.10	.60
Fragilis. Blue Star of Bethlehem. Blue, splendid for hanging baskets. 1/32 oz., $1.00	.50	....
Garganica. × Dwarf trailer, flowers blue. 4 in. 1/32 oz., $1.80	.75	....
Glomerata Superba. (Clustered Bellflower). Beautiful dark violet flowers borne in clusters at the top and all the way up the stalks. June-July. 20 in. ⅛ oz., 65c	.35	4.00
Acaulis. Clusters of amethyst violet flowers, 6 in. ¼ oz., $1.20	.35	4.00
Lactiflora Coerulea. Light blue, 3 ft. ¼ oz., 50c	.25	1.80
Latifolia Macrantha. Blue, large-flowered, 40 in ¼ oz. 40c	.25	1.40
Macrantha Alba. White, 40 in. ¼ oz., 70c	.25	....
Medium Calycanthema, Cup and Saucer. Blue, Lilac, White, Pink, 36 in., each ¼ oz., 40c	.15	1.40
Calycanthema Mixed. ¼ oz., 40c	.15	1.20
Medium Dwarf Canterbury Bells. A neat dwarf compact type with glorious giant flowers of various colors. It is very floriferous and is ideal for spring bedding. Mixed, 20 in. ¼ oz., 60c	.25	2.00
Medium, Single. Canterbury Bell. Blue, Lilac, Rose, White, 36 in., each lb., $4.00	.10	.40
Single Mixed. lb., 3.00	.10	.30
Double, Blue, 32 in. ¼ oz., 25c	.15	80
Rose. ¼ oz., 25c	.15	.80
White. ¼ oz., 25c	.15	.80
Double Mixed. ¼ oz., 25c	.15	.80
Double and single mixed.	.15	.60
Persicifolia (Peach Bell) Alba. White, fine, 30 in. ¼ oz., 50c	.25	1.80
Alba Plena. Double white, 30 in. ¼ oz., 75c	.35	2.60
Grandiflora Fl. Pl. Moerheimi. Flowers large, semi-double, cup-shaped, pure white. 2 ft. 1/16 oz., $2.20	.50	....
Coerulea. Blue, 30 in. ¼ oz., 50c	.25	1.80
Coerulea Plena. Double blue, 30 in. ¼ oz., 85c	.35	3.00

Rock Plants are followed by × and the heights given are of the plants when in bloom.

CARNATION Grenadin.

SHASTA DAISY—Double Giant.

Seeds of Biennials and Hardy Perennials

CAMPANULA—Continued		Trade pkt.	Oz.
Persicifolia Telham Beauty. Very large bells of China blue, 30 in.	⅛ oz., $1.20	$0.35	.....
Single mixed	¼ oz., 50c	.25	$1.80
Pusilla. × Light blue bells. Very free blooming, July, 4 in.		.50	....
Pyramidalis Alba. White, 5 ft.	¼ oz., 50c	.25	1.60
Blue. Lavender-blue, 5 ft.	¼ oz., 45c	.25	1.40
Mixed	¼ oz., 45c	.25	1.40
Raineri. Charming Alpine plant, erect blue flowers, 3 in.		.75	.....
Rotundifolia. × Slender branching stems, covered with dainty frail blue flowers, 6-12 in.	¼ oz., $1.20	.35	
Olympica × Light blue. 10 to 12 in.	1/16 oz., 1.00	.50	
Trachelium (Coventry Bells). Crowded heads of lavender-blue flowers, 2-3 ft.		.15	.80
Turbinata. × Forms close mats of foliage and bearing large cup-shaped flowers of blue, sitting close to the plant and fairly smothering it	¼ oz., 60c	.25	2.20
Alba. × White, 18 in.	¼ oz., 60c	.25	.....
Perennial Varieties. Mixed	¼ oz., 40c	.25	1.40
Rock Garden Varieties. Mixed	¼ oz., 60c	.25	2.20
Candytuft × Gibraltarica. 1 ft. Large flowers, lilac shaded to white	¼ oz., 25c	.15	.80
Jucunda. (Lebanon Candytuft). Dwarf pretty pink, 4 in.	⅛ oz., $1.50	.35	.....
Queen of Italy. Dwarf evergreen foliage, rosy lilac, 10 in.		.15	.60
Sempervirens, 12 in. White	¼ oz., 40c	.25	1.40
Tenoreana, 16 in. Lilac and white		.15	.60
Canterbury Bells. See Campanula Medium.			
Carnation, Vienna Dwarf. Mixed	¼ oz., 50c	.25	1.80
Vienna Dwarf. White	¼ oz., 60c	.35	2.20
Pink. 20 in.	¼ oz., 60c	.35	2.20
Grenadin Red. Half high. 20 in.	¼ oz., 60c	.25	2.00
Red. Dwarf. 14 in.	¼ oz., 65c	.35	2.40
Golden Sun. Golden yellow	¼ oz., $1.00	.35	3.60
White, 20 in.	¼ oz., 60c	.35	2.20
Tausendschon. Soft salmon-rose to bright pink.	¼ oz., 65c	.35	2.40
Triumph Rose, 20 in.	¼ oz., 70c	.35	2.40
King of the Blacks. Darkest red, very fine. 20 in.	¼ oz., 60c	.35	2.20
Mixed	¼ oz., 50c	.25	1.80
Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers, 30 in.		.25	1.20
Catananche Coerulea. Blue, with dark eye, fine, everlasting, 30 in.		$0.25	$1.30
Coerulea Alba. White, dark eye, 30 in.		.25	1.30
Centaurea Dealbata. Rose flowers. Graceful silvery leaves, 18 in.	¼ oz., 40c	.25	1.40
Macrocephala. Golden yellow, 36 in.	¼ oz., 35c	.20	1.00
Montana. Corn-flower blue, 24 in.	lb., $5.00	.15	.50
Alba. White, superb large flowers, 24 in.		.15	.60
Ruthenica. Light yellow, 4 ft.	¼ oz., 60c	.25	2.20
Perennial sorts mixed	¼ oz., 40c	.25	1.40
Cephalaria Alpina. Sulphur-yellow, 5 ft.	¼ oz., 40c	.15	1.40
Cerastium × Tomentosum (Snowin Summer). Silvery white foliage, white flowers, 16 in.	¼ oz., 40c	.25	1.40
Cheiranthus Allionii. Brilliant orange, 16 in.		.10	.30
Golden Bedder. A deep golden yellow. The individual flowers are larger than the Allioni. It is sweetly scented, long flowering (especially if the seed pods are not allowed to form).	¼ oz., 25c	.15	.80
Kewensis, Winter-blooming Wallflower. Fragrant flowers, sulphur passing to golden and violet, 30 in.	¼ oz., 50c	.25	1.80
Linifolius. Lilac, 18 in.	¼ oz., 40c	.15	1.20
Chelone Barbata Coccinea. Scarlet with yellow, 4 ft.		.10	.60
Barbata Praecox. (Early Flg.) Pink to cherry-red, in pretty spikes; a desirable cut flower	3 to 4 ft.	.10	.60
Torreyi. Brick-red, 4 ft.	¼ oz., 30c	.15	1.00
Hybrida. Mixed, 4 ft.		.10	.60
Nana. Dwarf Mixed, 16 in.	¼ oz., 50c	.25	1.60

CHRYSANTHEMUM

Leucanthemum (Spring Marguerite). Early flowering, 36 in., "Mother's Day."		.15	.60
Maximum Avalanche Forms compact bushes 2 ft. high; above dark green foliage appear a profusion of large white Marguerites, practically covering the plant	¼ oz., 25c	.15	.80
Dwarf Bouquet. A new dwarf perennial that blooms from seed the first year. Forms a bouquet of pure white flowers in a dainty and elegant manner. The blooms have very small centers. Plants are 12-15 inches tall. The stems come from the base and do not branch.		.50	....
King Edward VII. White		.15	.80
Laciniatum, Comet Marguerite white, 3 ft.	¼ oz., 30c	.15	1.00
Mrs. C. Lothian Bell. Single white, 3 ft.	¼ oz., 40c	.25	1.40
Elder Daisy. Early blooming, smaller flowering than Alaska, but more flowers.		.15	.80

Rock Plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

CHRYSANTHEMUM—Continued

	Trade pkt.	Oz.
Maximum Conqueror (Victor). Giant flowered white ¼ oz., 25c	$0.15	$0.80
Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large flowering single and semi-double ⅛ oz., $2.00	1.00	....
Mawii. Rich pink flowers two inches across, silvery foliage, 1 ft. ¼ oz., $1.40	.35	....
Clematis Paniculata. Small, sweet-scented, white flowers lb., $3.40	.10	.30
Recta Grandiflora. Erect habit non-climbing, white flowers in clusters lb., $6.00	.15	.80
Columbine. See Aquilegia.		
Coreopsis Lanceolata Grandiflora. Very large golden-yellow flowers, long stemmed, excellent for cutting, lb., $2.80	.10	.30
Lanceolata Grandiflora Fl. Pl. (Semi-double-flowering), 3 ft. lb., $4.20	.10	.40
Auriculata Superba. Dark yellow with band of brownish red around disc. 3 ft.	.15	.60
Double Sunburst (Double New Gold). Large double flowers 1½ to 2 in. across ¼ oz., 25c	.15	.80
Mayfield Giant. Best large deep golden-yellow ..	.15	.60
Corydalis × Cheilanthifolia. Fern-like foliage, golden-yellow flower spikes. April-Oct. 20 in. 1/16 oz., $1.00	.50	....
Crucianella × Stylosa. Light red, 18 in.	.10	.50
Cyclamen × Europaeum. The well known red flowering Alpine violet. 4 in. 100 seeds, 55c; 1000 seeds $4.20	...	....
Neapolitanum. Calyx small; corolla pink or rarely white, the segments short and twisted and the edges raised and white-edged at the base. 100 seeds, 50c; 1000 seeds, $4.00	...	....
Cynoglossum Nervosum. Large blue flowers. ⅛ oz., 90c	.35	....
Daisy, Shasta, Alaska. Best white, American-grown, 40 in. ¼ oz., 30c	.15	1.00
Giant Double Shasta. Flowers five inches across resemble giant asters, on long wiry stems. Blooms over a period of several months ⅛ oz., $1.80	.50	12.00
Westralia. Very large and early. White. 40in. ¼ oz., 30c	.15	1.00
White Lady. Earlier than Giant Double but not as large, produces quite a number of flowers the first year if sown early. The percentage of doubles is about 50% ¼ oz., 85c	.35	3.00
Daisy. See Bellis, Agathea, Chrysanthemum Maximum and Pyrethrum.		

DELPHINIUM

			Trade pkt.	Oz.
Blackmore and Langdon Strain. Tall, graceful spikes of bloom, covered from top to bottom with captivating blooms in charming color combinations. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors. ¼ oz., 85c; lb., $32.00			.50	3.00
Wrexham Strain (Hollyhock Delphinium). The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length and the tapering and spire-like shape of the spikes; the indescribably rich and varied tints; the very remarkable extension of the flowering period. lb., $60.00; ¼ oz., $1.40			.50	5.00
Wrexham Strain. Art shades	¼ oz.,	1.65	.75	6.00
Deep Blue Shades	¼ oz.,	1.65	.75	6.00
Light Blue Shades	¼ oz.,	1.65	.75	6.00
Mid-Blue Shades	¼ oz.,	1.65	.75	6.00

One of our growers who is a specialist in the culture of Delphinium seed has been at work on an improved strain of hybrids and has segregated different colors into various shades which we offer as follows:

		Tr. pkt.	Oz.
XXX Light Blue Shades	¼ oz., 90c	$0.50	$3.00
XXX Dark Blue Shades	¼ oz., 90c	.50	3.00
XXX Mid-Blue Shades	¼ oz., 90c	.50	3.00
XXX Pastel Shades	¼ oz., 90c	.50	3.00
Double Selecta. Extra double new hybrids, mixed, producing 90% extra double flowers of large size and excellent color variation	¼ oz., $1.50	.50	5.50
Gold Medal Hybrids. An extra choice strain. Lb., 14.00		.25	1.40
Vaughan's Special Mixture. Perennial varieties	¼ oz., $1.20	.50	4.00

DELPHINIUM PACIFIC GIANT (Vetterle and Reinelt)

This new strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers **do not shatter** and represent a truly outstanding addition to the cut flower market. New seed ready in July.

Pucific Giant Dark Blue Shades
Pacific Giant Light Blue Shades
Pacific Giant Pastel Shades
Pacific Giant Mixed

	Tr. pkt.	Oz.
Each of above, ⅛ oz., $2.00; ¼ oz., $3.50; ½ oz., $7.00	$1.25	$12.00
Pacific Double White Flowers well spaced and of good texture with white bees, with a branching habit of growth. Cheese cloth protection when blooming will keep the whiteness of flowers unmarred by dust or insects ¼ oz., $5.00; ⅛ oz., $3.00	1.75	18.00
Belladonna. Blue Grotto. Deep blue, bee royal purple with cream center ¼ oz., 90c	.35	3.20
Light Blue, Improved. Light blue, large flowered, strong grower, 4 to 5 ft. lb., $24.00	.35	2.00
Bellamosum Improved. Large deep blue flowers, uniform in color with a white bee, 4 to 5 ft. ¼ oz., 60c	.35	2.20
Cardinale. Fine scarlet flowers, yellow center, 30 in. ¼ oz., 60c	.35	2.20

Rock Plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

DAISY Shasta Alaska.

DIANTHUS PLUMARIUS (Clove Pink).

DIANTHUS BARBATUS (Sweet William).

DELPHINIUM—Continued	Trade pkt.	Oz.
Chinense Album Grandiflorum. White, 36 in.	$0 15	$0.80
Azureum Grandiflorum. Blue, 36 in. lb., $8.00	.15	.80
Cambridge Blue. ¼ oz., 60c	.35	2.20
Mixed	.15	.70
Azure Fairy. Soft azure-blue, 20 in.	.20	1.00
Tom Thumb Ultramarine. A dwarf species, with fine feathery foliage with beautiful flowers in open panicles in ultramarine-blue, 1 ft.	.20	1.00
Elatum Hybridum Indigo, True Blue (better than D. Formosum). 5 ft. ¼ oz., 80c	.35	2.80
Hood Acres. White. A fine American variety. ¼ oz., $1.60	.50	5.50
Lamartine. Splendid Gentian blue; single, 30 in. ¼ oz., 2.25	.75	....
Iceberg. In the second year when the plants are fully grown the big white spikes are particularly beautiful. 4 ft. ¼ oz., $1.25	.35	4.00
Summer Cloud. White, fine. ¼ oz., 1.40	.50	5.00
Formosum. Dark blue, 5 ft. ¼ oz., 60c	.25	2.00
Nudicaule. × Brilliant scarlet with peach-red interior, 30 in. ¼ oz., 70c	.35	2.60
Lemon Gem. 18 in. ¼ oz., $1.00	.35	3.60
Zalil or Sulphureum. Yellow, orchid-like flowers, 6 ft. ¼ oz., $1.20	.50	4.00

DIANTHUS BARBATUS—Sweet William

Double Blood-red (Atrosanguineus pl.) 20 in.	.15	.80
Roseus. Pink. ¼ oz., 50c	.25	1.80
Nigrescens. Almost black	.15	1.20
Salmon Rose, new. ¼ oz., 70c	.25	2.40
White ¼ oz., 40c	.25	1.40
Mammoth Flowered. Mixed. ¼ oz., 50c	.25	1.80
Dwarf Midget Mixed. ¼ oz., 50c	.25	1.80
Single Blood-red (Atrosanguineus)	.15	.60
Copper-Red	.15	.60
Diadematus. Crimson with white eye	.15	.60
Garnet Red with a white eye	.15	.80
Giant Auricula Eyed. White ground. ¼ oz., 40c	.20	1.20
Giant White. A very large variety. ¼ oz., 40c	.20	1.20
Nigrescens. Very dark, almost black	.15	.50
Newport Pink. Salmon-pink. lb., $5.00	.15	.50
Pink Beauty. Clear pink. lb., 5.00	.15	.50
Purple Beauty. Bright deep purple. ¼ oz., 35c	.15	1.00
Scarlet Beauty. Scarlet. ¼ oz., 25c	.15	.80
Turkey-Red. ¼ oz., 25c	.15	.80
Dwarf Midget Mixed. ¼ oz., 90c	.35	3.00
Superb Mixture of New Colors. ¼ oz., 25c	.15	.80
Mammoth Flowered. Single mixed. lb., $5.00	.15	.50
Vaughan's Special Mixture. Double and single of above choice varieties. ¼ oz., 60c	.35	2.00

DIANTHUS PLUMARIUS—Clove Pinks ×

	Trade pkt.	Oz.
Albus Plenus. Double white. ¼ oz., 60c	$0.25	$2.20
Cyclops. Red Hybrids. ¼ oz., 25c	.15	.80
Highland Rose Queen. A free growing variety, bright crimson single flowers. ⅛ oz., $1.60	.50	.....
Highland Rose Queen Hybrids Mixed. ¼ oz., 90c	.35	3.20
Little Jock Hybrids. The compact plants produce a multitude of pretty fringed flowers, about an inch across, in varied tints of pink, rose and white, mostly with a deep zone and quite 50% of them are double. ⅛ oz., $1.60	.50	....
Scoticus fl. pl. Double-Scotch. Mixed. An extra choice strain. ¼ oz., 85c	.35	3.00
Spring Beauty. Double giant-flowered carnation-like in form and size and with a beautiful color range. Very fragrant. ¼ oz., 85c	.35	3.00
Double. Fine mixed. ¼ oz., 40c	.15	1.40
Double Early-Flowering. Dwarf Mixed 10 in. ¼ oz., 40c	.25	1.40
Semperflorens. Double and Semi-Double Mixed. ¼ oz., 30c	.15	1.00
Vaughan's Special Mixture. ¼ oz., 60c	.35	2.00

DIANTHUS—SORTS

Allwoodii. × 18 in. Mixed colors. Hybrid between Carnation and Pink, extremely floriferous. ⅛ oz., $1.00	.35	....
Alpinus. Mixed colors × Many dwarf varieties, 4 to 8 in. ⅛ oz., $1.00	.35	....
Arenarius. Sand Pink. Small white fringed flowers. 8 in. ⅛ oz., 50c	.25	3.00
Barbatus × Chinensis, Mixed (Annual Sweet William). Blooms fromseed the first year	.15	.60
Caesius (Cheddar Pink). × Dense tufts of glaucous blue foliage and large rose-colored flowers, July, 6 in. ¼ oz., 40c	.15	1.20
Deltoides Albus. Pretty white variety with dark eye ¼ oz., 50c	.25	1.80
Brilliant (Maiden Pink). × Very bright red variety, ¼ oz., 50c	.25	1.80
Major Stern's Variety. Bright crimson, dark foliage. ¼ oz., 70c	.25	2.40
Graniticus. × Carmine. 9 in. ¼ oz., 40c	.25	1.40
Knappi. Clusters of clear golden-yellow flowers appear above the grassy green foliage. ⅛ oz., $1.50	.50	....
Latifolius Atrococcineus pl. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout stem, 15 to 18 in. high.	.15	.80

Seeds of Biennials and Hardy Perennials

DICTAMNUS (Gas Plant).

MYOSOTIS Alpestris Blue Basket.

DIGITALIS (Foxglove).

DIANTHUS—Continued	Trade pkt.	Oz.
Loveliness. The flowers have large lacerated petals of a most exquisite mauve pink, but the most fascinating of all is their delightful fragrance. ....1/16 oz., $1.50	$0.50	....
Neglectus × (Glacier Pink). Rose pink, 3 in. ....1000 seeds, $2.40; 100 seeds, 30c	....	....
Rose Cushion. From a little cushion of grey-green foliage that is evergreen in character, hundreds of straight stems arise and in late May the flowers appear as if by magic. The color is pure pink, flowers about ¾ in. across, plants about 3 to 4 in. tall. ....1/32 oz., $1.00	.50	....
Sweet Wivelsfield Single mixed. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft....¼ oz., 25c	.15	$0.80
Sweet Wivelsfield Double mixed....¼ oz., 70c	.35	2.40
Best rock work species mixed ×....¼ oz., 60c	.25	2.00
Vaginatus. Fine rock plant, cardinal flowers....	.35	....
Winteri. A new pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit, 9 in., ⅛ oz., $1.40	.50	....
Dicentra Eximia. (Plumy Bleeding Heart.) Dwarf. 12 in....¼ oz., 85c	.50	3.00
Dictamnus Fraxinella (Gas Plant). Pink flowers with dark veins, 30 in....¼ oz., 40c	.25	1.40
Fraxinella Albus. White, 30 in. ....¼ oz., 40c	.25	1.40
Mixed....	.20	1.20
Dielytra Spectabilis. (Bleeding Heart.) Rose, 32 in. ....¼ oz., $1.90	.50	7.00

DIGITALIS (Foxglove)

Canariensis. Canary-yellow. 3 ft....¼ oz., 1.40	.50	....
Hybrida Lutzii. Salmon hybrids. 4 ft....¼ oz., 40c	.25	1.20
Gloxiniaflora. Mixed, spotted flowers, 4 ft...lb., $4.00	.15	.40
Alba. White....lb., 4 80	.15	.50
Purple....lb., 4.80	.15	.50
Rose....lb., 4.80	.15	.50
Isabellina. A new good yellow....¼ oz., 25c	.15	.80
Shirley Hybrids. Mixed. Enormous flowers, rich mixture, 6 to 7 ft....lb., $5.00	.15	.50
Grandiflora. Chrome-yellow (Ambigua), 36 in....	.20	80
Maculata Iveryana. Spotted varieties, 4 ft....	.15	.50
Purpurea Monstrosa. Mixed, 3 ft. Long spikes surmounted by one enormous flower....	.15	.60
Vaughan's Special Mixture....lb., 6.00	.15	.60

	Trade pkt.	Oz
Doronicum Caucasicum. Yellow, early. 2 ft.... Seed germinates slowly....1/16 oz., 2.00	$1.00	....
Echinacea Purpurea Hybrida (Cone Flower). Mixed. Superb Varieties....¼ oz., 50c	.25	$1.70

FORGET-ME-NOT × (Myosotis)

Alpestris Blue Basket. New, best deepest blue. ¼ oz., 60c	.25	2.00
Blue Eyes. Bright blue with white eye, large, early ....¼ oz., 80c	.35	2.80
Indigo Blue (Royal Blue). 12 in....¼ oz., 40c	.15	1.40
Blue Compacta. Deep blue....¼ oz., 50c	.15	1.80
Messidor. Deep blue, long stems, 12 in...¼ oz., 50c	.15	1.80
Rosea. 12 in....	.15	.80
Victoria. Dwarf globular strain. 8 in.:		
Sky blue. Excellent variety....¼ oz., 60c	.25	1.80
Indigo Blue. Fine dark blue....¼ oz., 60c	.25	2.00
Rosea. Pink....¼ oz., 70c	.25	2 40
White....¼ oz., 65c	.25	....
Stricta. Blue Bouquet. A compact, upright grower of the pillar or column type, completely smothered with flowers of bright blue. 1 ft....¼ oz., 50c	.15	1.80
Pink Bouquet. A companion to the above, only the flowers are a charming pink. 1 ft...¼ oz., 60c	.25	2.00
Indigo Blue Bouquet. Same type as above with rich dark blue flowers. 1 ft....¼ oz., 70c	.25	....
Bouquet mixed....¼ oz., 75c	.25	....
Dissitiflora. Rich blue, early and compact, 1 ft. ¼ oz., 90c	.35	....
Palustris. The true Swamp Forget-Me-Not. Azure blue flowers, creeping habit....¼ oz., 45c	.15	1.60
Semperflorens. Dwarf, blue, in flower from early spring until autumn, 1 ft....¼ oz., 50c	.25	1.80
Oblongata Perfecta. Vaughan's Early and Late Flowering. Skyblue flowers with a white center, 1 ft. Blooms in three months....¼ oz., 50c	.25	1.40
Vaughan's Early Blue Bird. An extra early flowering strain of Blue Bird type and color. Should be used exclusively for cutting and valuable for pots or bedding....¼ oz., 85c	.35	2.85
Hybrida Ruth Fisher. Neat and compact habit, and the lovely blue flowers shoot up strongly over the glossy dark green foliage, 10 in....1/16 oz., $1.00	.35	....
Star of Love. Dwarf blue, 8 in....	.35	....
Compacta Annemarie. New, large dark blue flowers, compact habit, most beautiful forcing variety. 6 inches high....(300 seeds)	1.00	....

Rock plants are followed by × and the heights given are of the plants when in bloom.

GAILLARDIA Grandiflora Maxima Aurea.

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Echinops (Globe Thistle) Ritro. Blue, 5 ft..lb., $3.20	$0.10	$0.30
Edelweiss. × Large-flowered, 6 in.....1/16 oz., $1.00	.50	
Eremurus Robustus, Pink, 7 ft.....100 seeds, 30c; 1000 seeds, $2.00		
Himalaicus White. 100 seeds, 30c; 1000 seeds, 2.00		
Mixed.....1/4 oz., 70c	.35	2.60
Erigeron Speciosus Hyb. Grandiflorus. Rosy-lilac, 30 in.....1/4 oz., 50c	.25	1.60
Double Beauty. Ideal subject for herbaceous border and attractive violet blue cut flowers, 2½ ft.....	.50	....
Coulteri, White, for cutting; blooms early. 1/4 oz., 50c	.25	1.60
Speciosus Hybridus Semi-plenus, semi-double lavender, varies 1⅔ ft.....1/4 oz., 90c	.50	3.20
Grandiflorus Elatior. Rosy, 24 in.....1/4 oz., 50c	.25	1.60
Erinus × Alpinus. Purple, for borders, 6 in. .1/32 oz., $1.00	.50	....
Eryngium Amethystinum. Amethyst-blue, 3 ft.....1/4 oz., 50c	.25	1.80
Alpinum. (Alpine Sea Holly.) Large lavender blue stems and bracts. June-July. 32 in....1/4 oz., 60c	.25	2.20
Planum. Cornflower blue, globular heads, 4 ft.....	.15	.50
Eupatorium Fraseri. White, for cutting, 2 ft.....	.15	.80
Euphorbia Corollata. (Wild Baby's Breath.) Resemble Gypsophila but the flowers are larger and more pronouncedly white. Will stand any amount of drought. Pure white flowers, 2 ft. 1/4 oz., 85c	.35	....
Myrsinites. Grey trailer heads of yellow flowers. 3 in.....1/4 oz., 70c	.25	2.40
Polychroma. The flowers are bright yellow changing to a rosy-bronze. 15 to 18 in.....1/4 oz., $1.20	.50	4.00
Francoa Ramosa Hybrida. Bridal Wreath. Pure white elegant flowers. 2½ ft.....	.50	....

GAILLARDIA Grandiflora

Bremen. Coppery scarlet with yellow tips. 1/4 oz., 45c	.25	1.40
Burgundy. Self colored wine red, 2½ in. in diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in .....1/4 oz., 50c	.25	1.80
Dazzler. Large flowers, bright golden yellow with rich maroon-red center. 3 ft.....1/4 oz., 40c	.25	1.40
Goblin. Very compact globular plants, red and yellow bicolor.....1/4 oz., 90c	.50	....
Maxima Aurea. Very large golden-yellow flowers with large red eye.....1/4 oz., 45c	.25	1.35
Portola Hybrids. The flowers are very large, the petals being very broad and overlapping, of great substance, and spread out flat. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2½ to 3 ft.....	.25	1.40
Tangerine. Vivid tangerine orange.....1/4 oz., 50c	.25	1.60

GAILLARDIA Grandiflora—Continued

	Trade pkt.	Oz.
The King. Deep red, edged gold, large flowers.....1/4 oz., 60c	$0.25	$2.00
Torchlight. Bright golden yellow, rich maroon center. 2 ft.....1/4 oz., 60c	.25	2.00

Grasses, Ornamental

Erianthus Ravennae. Plume Grass. 6 to 8 ft.....	.10	.40
Eulalia Japonica Zebrina. Zebra Grass. 5 ft.....	.15	1.00
Festuca Glauca. True blue grass with dense glaucous tufts. Blue stemmed grass.....1/4 oz., 30c	.15	1.00
Gymnothrix Latifolia (Pennisetum Latifolium). 36 in.	.10	.50
Gynerium Argenteum. Pampas Grass.....	.10	.40
Stipa Pennata. Feather Grass. 2 ft..... 1/4 oz., 60c	.25	2.00
Uniola Latifolia. Spike Grass. 3 ft.....	.15	.50

Garden Heliotrope, see Valeriana.

Gerbera Jamesoni. New Flowerland strain. A popular greenhouse forcing perennial plant, fine for cutting. New seed is always available as it is harvested at intervals during the year.....100 seeds, 40c; 1000 seeds, $3.00	....	....
Gentiana Acaulis. Gentian-blue, beautiful for edging, 5 in.....1/4 oz., 65c	.25	....
Lutea. Yellow. Tall robust species, 40 in. 1/4 oz., 65c	.25	....
Geum Coccineum Atrosanguineum Pl. × Semi-double, orange-red, 2 ft.....1/4 oz., 40c	.25	1.40
Boresi (True). Orange scarlet, continuous bloomer .....1/4 oz., $1.20	.50	4.00
Lady Stratheden × (Golden Ball). The blooms are large double golden-yellow. 2 ft.....1/4 oz., 50c	.25	1.60
Mrs. Bradshaw. × Large double glowing red. 2 ft. .....1/4 oz., 50c	.25	1.80
Orange Queen. Large double orange scarlet. 2 ft. .....1/4 oz., 80c	.35	2.80
Mixed.....1/4 oz., 60c	.25	2.00
Gilia Coronopifolia (Ipomopsis Elegans Mixed). 3½ ft. (Standing Cypress.) Very leafy, the divisions being needle-like about one inch long. The flowers are 1½ inches long, trumpet-shape, borne along the side of the stem, mixed colors. A biennial.....1/4 oz., 40c	.25	1.20
Coronopifolia Red.....1/8 oz., 60c	.25	....
Globularia Trichosantha (Globe Daisy). Dwarf growing with small globular shaped flowers of dark blue. 12 in.....1/4 oz., $1.20	.50	4.00
Golden Rod (Solidago Canadensis). Fine showy variety, for border or cutting, yellow, 5 ft....1/4 oz., 50c	.25	1.80
Gypsophila Acutifolia. Pretty useful species. Lilac pink, 4 ft.....	.15	.80
Paniculata. White. Small single white flowers in great profusion, useful for cutting, 40 in... lb., $2.80	.10	.30
Fl. Pl. Extremely pretty double form, charming, (30 to 40% true), 40 in.....1/4 oz., 80c	.35	2.80
Snow-White Double. Absolutely pure white strain of this popular plant, 2 ft.....1/4 oz., $1.20	.50	4.00
Oldhamiana. The light little buds are first almost white but open a lively shade of pink that tends to darken as the flowers mature. Each individual flower measures slightly more than one quarter of an inch in diameter and possesses a white throat. The flowers are fragrant. 1/4 oz., 60c	.25	2.00
Pacifica. Tiny pink blossoms on branching panicles. 4 ft.....1/4 oz., 80c	.25	2.80
Repens × White flowers, trailer good border or rock plant, 6 in.....1/4 oz., 40c	.25	1.40
Rosea. Pink.....1/4 oz., 50c	.25	1.80
Helenium Autumnale Superbum. Yellow..1/4 oz., 90c	.25	3.20
Autumnale Hybr. Nanum Praecox. Remarkable dwarf, early hybrids in yellow, bronze, crimson and brown shades.....1/4 oz., $1.20	.25	....
Bigelowi. Yellow dark disk, for cutting, 20 in..... .....1/4 oz., 70c	.25	2.40
Hoopesi. Yellow. Early flowering, 30 in.....	.15	.80
Hybridum Moerheim Beauty. Bronzy-red, 2½ ft. .....1/4 oz., 70c	.25	2.40
Riverton Beauty. Lemon-yellow with large purplish black cone, 4 ft.....	...	....
Riverton Gem. Flowers open as old gold and terra cotta changing to wallflower red, a beautiful variety, 3½ ft.....1/4 oz., 90c	.35	3.00
Helianthemum × Mutabile. Mixed Colors. (Rock Rose.) Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in.....	.15	.80

Rock Plants are followed by × and the heights given are of the plants when in bloom.

GYPSOPHILA Oldhamiana.

HELIOPSIS Lemoines Giant.

Seeds of Biennials and Hardy Perennials

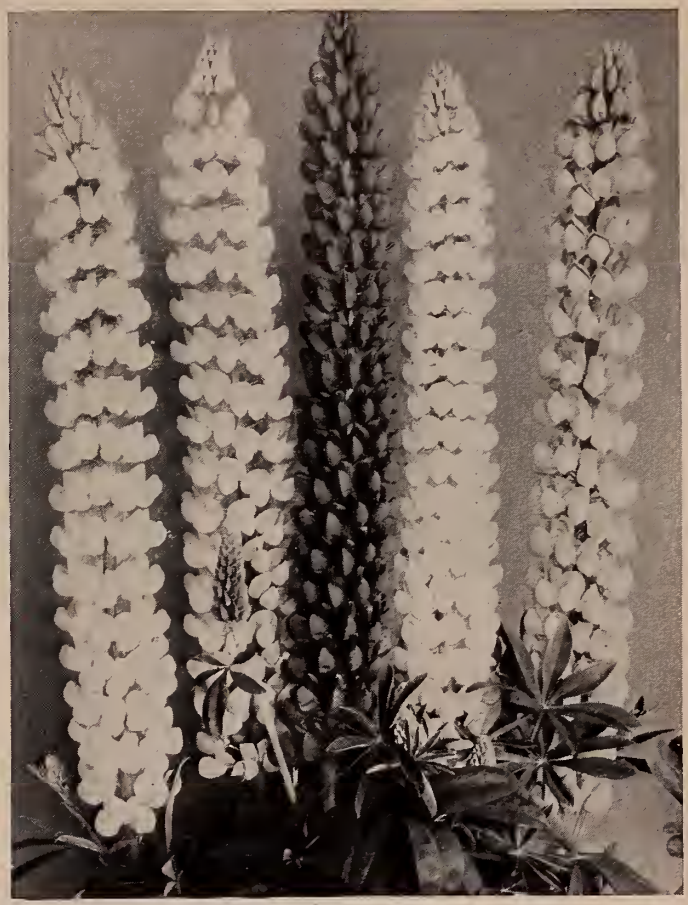
	Trade pkt.	Oz.
Helianthus (Sunflower) Angustifolius. Autumn Glory. Yellow, free-blooming. Good cut-flower, 3 ft. ....¼ oz., 60c	$0.25	$2.20
Harvest Moon (Laetiflorus). Flowers semi-double with three rows of petals, long and incurved, on stiff stems and of a rich yellow color....¼ oz., 60c	.25	....
Maximilianus. Early-flowering, yellow, 3 ft.... ....¼ oz., 50c	.25	1.80
Perennial Varieties. Mixed....¼ oz., 60c	.25	2.00
Helichrysum Angustifolium. Yellow, white foliage. ....¼ oz., 40c	.25	1.40
Heliopsis Laevis Pitcheriana. Golden yellow, 4 ft....	.15	.60
Laevis Soleil d'Or. Golden yellow, 5 ft....	.15	.90
Lemoines Strain. A very brilliant border plant resembling a double sunflower; flowers are double and semi-double golden yellow. A perennial that blooms from seed the first year....¼ oz., 50c	.25	1.80
Scabra Zinniaeflora. Large deep yellow flowers, very showy free and continuous bloomer, 3 ft. ¼ oz., 40c	.25	1.40
Helleborus Niger. Christmas Rose. White tinged rose, fine for winter. Seed germinates very slowly. 15 in. ....lb., $8.00	.15	.80
Hybridus Mixed, fine mixed varieties, white to purple flowers....¼ oz., 55c	.35	1.80
Hesperis Matronalis (Sweet Rocket), red, 40 in.... ....lb.,$2.00	.10	.20
Matronalis Alba. White, 40 in....lb., 2.00	.10	.20
Heuchera × Sanguinea. Bright rich crimson, blooms from early summer until fall. Excellent for cutting. 30 in....¼ oz., $1.20	.50	4.00
Sanguinea Splendens. Bright vermilion. ¼ oz., 1.20	.50	4.00
Hybrida Grandiflora. Mixed, 30 in...¼ oz., 1.20	.35	
Brizoides. Bright rose, 30 in....⅛ oz., 1.00	.50	....
Hibiscus Giant Yellow Sunset or Golden Bowl. Needs protection, 2 ft....	.15	.50
Crimson Eye. White with red eye, 4 ft....	.15	.60
Mallow Marvels. Mixed, 4 ft....lb., $4.00	.10	.40
Red, 4 ft....lb., 6.40	.15	.60
Rose....lb., 6.00	.15	60
Hieracium × Villosum. Yellow, silvery leaves, 12 in.	.50	....
Hollyhocks. Double.		
Appleblossom....¼ oz., 40c	.25	1.20
Blood Red....¼ oz., 40c	.25	1.20
Chamois. Queen of Sheba....¼ oz., 40c	.25	1.20
Crimson....lb., $12.00 ¼ oz., 40c	.25	1.20
Lilac Beauty....¼ oz., 40c	.25	1.40
Maroon....¼ oz., 40c	.25	1.20
Deep Rose....lb., 12.00 ¼ oz., 40c	.25	1.20
Newport Pink....lb., 12.00 ¼ oz., 40c	.25	1.20

HOLLYHOCKS, Double—Continued	Trade pkt.	Oz.
Orange Prince. New, distinct color, waxy buff-yellow with wine-red suffused over the lower half so that the effect is light buff-orange....¼ oz., 50c	$0.35	$1.80
Salmon Rose.... ¼ oz., 40c	.25	1.20
White....lb., $12.00 ¼ oz., 40c	.25	1.20
Yellow....lb., 12.00 ¼ oz., 40c	.25	1.20
Chater's Prize. Double Mixed....lb., $9.00	.25	1.00
Imperator, Improved ("Begonia Flowered" Crested Mixed). New formation, collar of frilled and fringed edges....¼ oz., 50c	.25	1.60
Triumph. Double waved and fringed flowers in delicate art shades....¼ oz., 50c	.25	1.60
Vaughan's Special Mixture including all Doubles, Imperator, Triumph and Allegheny....¼ oz., 50c	.25	1.60
Single Maroon, Pink, Red, Rose, White, Yellow and Salmon, each....¼ oz., 25c	.15	.80
Single mixed....lb., $4.00	.15	.40
Exquisite. Mixed colors, curled edges....¼ oz., 50c	.25	1.60
Allegheny. Mammoth-flowering, mixed..lb., $4.00	.15	.40
Pink Rosette. Large bright pink flowers with rosette center and a wide row of guard petals ....¼ oz., 50c	.25	1.80
Everblooming Single Hybrids....lb., $4.00	.10	.40
Double Hybrids, mixed....lb., 5.00	.15	.50
Hyacinthus Candicans. White yucca-like flowers. Very decorative, 4 ft....	.15	.60
Incarvillea Delavayi. Large Gloxinia-like flowers, rosy purple, very handsome, 24 in....¼ oz., 85c	.35	3.00
Grandiflora. Flowers brilliant rose, dwarf habit, 2 ft.	.50	....
Brevipes. Large brilliant crimson rose flowers. 2 ft.	.50	....
Hybrida Bee's Pink. Soft pink, large trumpet shaped flowers. 18 in....	1.00	....
Inula × Ensifolia. Dwarf, golden, 12 in....⅛ oz., 60c	.25	....
Glandulosa Grandiflora. Orange. 2 ft....1/16 oz., 80c	.35	....
Royleana. Large golden yellow ray florets. 2 ft. ....¼ oz., 85c	.25	3.00
Iris Kaempferi. Japanese Iris. Most seedlings bloom the second year. 18 in....lb., $6.00	.15	.60
Isatis Glauca. Foliage silvery gray-green. Clouds of fine yellow flowers in July. 2 ft....	.15	.60
Kenilworth Ivy × Linaria Cymbalaria. Pretty trailing variety. Pink....¼ oz., 40c	.25	1.40
Kudzu Vine. Pueraria Thunbergiana. Fragrant, wistaria-like flowers....lb., $3.00	.10	.30
Lathyrus Latifolius (Everlasting Pea). Mixed.lb., 3.20	.10	.30
Latifolius Pink Beauty, very fine, 6 ft....lb., 4.00	.15	.40
Red. Magenta, 7 ft....lb., 4.00	.15	.40
White Pearl. Splendid sprays of bloom, 5 ft.... ....lb., $5.00	.15	.50

Rock Plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Lavandula Vera. True Sweet Lavender	$0.15	$0.50
Spica, Munstead Strain. Dwarf compact blue. ¼ oz., 70c	.25	....
Liatris Spicata. (Blazing Star.) Purple rose, 20 in. ¼ oz., 60c	.25	2.00
Pycnostachya. Long spike of brilliant rose purple flowers. Aug. to Oct., 4 ft. ¼ oz., 40c	.25	1.40
Scariosa. Violet-purple, 4 ft. ¼ oz., 70c	.25	2.40
Scariosa Alba. Attaining a height of 3 feet, its stout spikes of pure white blossoms are excellent for cut-flower purposes, and the plant is quite imposing in the perennial border	.50	5.00
Scariosa Hybrids. Flowers range through various shades of white and violet. ¼ oz., $140	.50	5.00
Lilium Auratum. Gold-banded Lily of Japan. 4 to 7 ft. ¼ oz., 50c	.25	1.40
Auratum Platyphyllum. Larger than the above and more heavily marked. ¼ oz., 50c	.25	1.80
Backhouse Hybrids. Free flowering. Many unusual shades. 100 seeds, 85c; 1000 seeds, $6.00	....	....
Cernuum. Lilac nodding flowers, grass-like foliage ¼ oz., 50c	.25	1.60
Concolor. Erect fiery scarlet with dark red spots. ¼ oz., 50c	.25	1.80
Henryi. Rich deep orange-yellow. 4 ft. ¼ oz., 60c	.25	2.00
Japonicum (Japanese Lily). Beautiful pink flowers ¼ oz., 50c	.25	1.60
Martagon. Turk's Cap Lily ¼ oz., 60c	.25	2.00
Formosanum. Improved Pure White. This selected strain produces 80% pure white flowers. ¼ oz., 50c	.25	1.80
Formosanum Giant Pure White. ¼ oz., 70c	.35	2.60
Longiflorum Praecox (White Queen). Produces blooms of the well-known Erabu type within twelve months from sowing. Long trumpet flowers of clear white. ½ trade pkt., 60c; ⅛ oz., $1.75	1.00	12.00
Regale, Regal Lily. Pink outside, interior primrose-yellow, 3 to 5 ft. lb., $4.00	.15	.40
Tenuifolium (Siberian Coral Lily). Flowers glowing glossy scarlet up and down the stem. 20 in. lb., 6.00	.15	.60
Golden Gleam. 24 in. Blooms are deep orange in color and have recurved petals of waxy texture. ¼ oz., 85c	.35	3.00
Washingtonianum. (Mt. Hood Lily). Pure white, slightly tinted and dotted purple inside. ¼ oz., $1.25	.50	4.00
Willmottiae. Flowers vivid orange-red with recurved petals, spotted with brown slender foliage. 4 ft. ¼ oz., $1.25	.50	4.00
Mixed. Many varieties. ¼ oz., 50c	.25	1.80
Linaria. × Cymbalaria, Lilac, 3 in. ¼ oz., 50c	.25	1.40
Alpina. × Purple blotched orange, 4 in. 1/16 oz., $1.00	.50	....
Canon Want. Pale pink. Blooms first year if sown early. 2½ ft. ¼ oz., 60c	.25	2.00
Macedonica Speciosa. Yellow with orange lip, 36 in.	.15	.60
Linum Perenne (Perennial Flax). Very pretty pale blue flowers. 30 in. lb., $3.00	.10	.30
Perenne Fl. Album. Neat white flowers. 30 in.	.10	.40
Mixed	.10	.40
Alpinum × Pale blue. Prostrate habit. ⅛ oz., $1.00	.35	....
Flavum. Yellow. 1 ft. ¼ oz., 50c	.25	1.80
Compactum Nanum × Glowing golden yellow, dark green foliage. Everbloomer, 6 in. ⅛ oz., $1.00	.35	....
Narbonense. Fine blue, flowers large, graceful habit. 30 in. ¼ oz., 45c	.25	1.60
Lobelia Cardinalis (Cardinal Flower). 36 in. ¼ oz., 85c	.25	3.00
Syphilitica. Large blue flowers. 24 in. ¼ oz., 60c	.25	....
Lunaria Biennis Alba (Honesty or Peter's Pence) Lilac purple flowers curious silvery seed pods. 40 in. lb., $4.00	.15	.40
Biennis. Crimson, 4 ft. lb., 4.00	.15	.40
Munstead Purple giant	.15	.60
Mixed. lb., 4.00	.15	.40
Lupinus Polyphyllus.		
Albus. Large, pure white spikes. 2 to 3 ft. lb., 3.20	.10	.30
Atroviolaceus. Large dark blue, new. ¼ oz., 25c	.15	.80
Blue. Stately spikes of blue, 3 ft. lb., $2.60	.10	.25
Carmineus. Carmine shades. ¼ oz., 25c	.15	.80



LUPINUS POLYPHYLLUS RUSSELL

Russell Lupinus

A MARVELOUS SELECTION OF PERENNIAL LUPINS

Most unusual colors and color combinations, some flowers are self colors and many bicolor; the standard being of one color and the keel of another. Lovely blue and yellow, cream and purple, yellow and orange and many other unique arrangements. The flowerettes are much larger than the other Polyphyllus varieties. The spikes are crowded with blossoms and resemble a closely set well rounded column of Sweet Peas. Useful as a cut flower.

12 seeds 35c 50 seeds 65c 120 seeds $1.25 250 seeds $2.50

LUPINUS Polyphyllus—Continued	Trade pkt.	Oz
Chocolate Soldier. Yellow, passing to chocolate. ¼ oz., 70c	$0.25	$2.40
C. M. Prichard. Pale salmon-orange with yellow. ¼ oz., 90c	.30	3.20
Gold Crest. Yellow with deeper yellow wings. ¼ oz., 40c	.25	1.40
Lavender Queen. Lavender tinted pink, 3 ft.	.15	.80
Luteus. A strain of varying yellow shades. ¼ oz., 25c	.15	.80
Princess Juliana. Rich pink, 3 ft. lb., $6.00	.15	.60
Roseus. Very pretty rose shades. 3 ft. lb., $5.00	.15	.50
Salmoneus. Delicate salmon shades. ¼ oz., 40c	.25	1.20
Six Hills Scented. Flowers are sweetly scented and have a great range of color. lb., $5.00	.15	.50
Sunshine (Arboreus Type). Golden yellow, 30 in.	.15	.60
Harkness' Regal Mixture. A mixture of charming new colors, in which rose, buff, flesh and salmon shades predominate. lb., $5.00	.15	.50
Downer's Hybrids. Perpetual flowering new hybrids. lb., $5.00	.15	.50
Vaughan's Special Mixture. This is a choice mixture of the best perennial Lupins; English and other European strains being chosen to give the utmost variety. lb., $8.00; ¼ oz., 25c	.15	.80
Lychnis Alpina. × Rose, 12 in. ⅛ oz., 80c	.25	....
Arkwrightii. Large flowers in brilliant colors, varying from orange-scarlet to soft salmon-pink. May. 2 to 3 ft. ¼ oz., 40c	.25	1.40

Rock plants are followed by × and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials

LILIUM Formosanum Giant Pure White.

LYCHNIS Forrestii Hybrids.

POPPY Amurense Yellow Wonder.

LYCHNIS—Continued	Trade pkt.	Oz.
Chalcedonica Salmon Queen. Beautiful salmon shade. 3 ft. ¼ oz., 40c	$0.15	$1.20
Chalcedonica. Scarlet, 36 in. lb., $4.00	.15	.40
Forrestii Hybrids. New, showy panicles of carmine, crimson, pink and white flowers, excellent for rock garden and border, 2 ft. ¼ oz., 50c	.25	1.80
Haageana Hybrida. Mixed, extra choice, 18 in. ¼ oz., 40c	.25	1.40
Scarlet, large brilliant flowers, very fine. 18 in. ¼ oz., 50c	.25	1.80
Viscaria Splendens. Early, deep rose, 16 in. ¼ oz., 30c	.15	1.00
Lythrum Roseum Superbum. Rose-purple in spikes. A good border plant. 40 in.	.15	.80
Matricaria Capensis Alba Plenissima. White.	.15	.50
Double Select White (Ball's Double White). This is the one and only fully double flowering pure white strain of Feverfew from seed. It is 98% true to this description. 30 inch. ⅛ oz., $1.00	.35	....
Golden Ball. Striking double golden yellow. 8 in. ¼ oz., 50c	.25	1.80
Snowball. Dainty double white flowers. 8 in. ¼ oz., 50c	.25	1.80
Meconopsis Baileyi. Himalayan Poppy, glorious sky blue, golden anthers. 3 ft. ¼ oz., $1.00	.35	3.60
Monarda Didyma Cambridge Scarlet. Brightest glowing scarlet. Fragrant foliage. July-August, 30 in. ⅛ oz., $1.00	.50	....
Hybrida. Mixed. 36 in. ¼ oz., 60c	.25	2.20
Myosotis. See Forget-Me-Not, page 18.		
Nepeta Mussini. × Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft. ¼ oz., 50c	.25	1.80
Nervosa. Clear light blue flowers. ¼ oz., 75c	.25	....
Souvenir d'Andre Chaudron. Bright blue. 24 in. ⅛ oz., $1.00	.35	....
Nierembergia Hippomanica. This little Dwarf Cup Flower starts flowering when the plants are only about two inches tall, that is about 15 weeks after the seed is sown, and keeps on right up until the heavy frosts of late fall. The lovely lavender blue shade, heightened by a touch of yellow in the centre, is most charming. Plants are compact and not over 5 or 6 inches tall. As an edging plant and for use in the rockery it is unexcelled and is extremely lovely in a window box or in flower pots. It is a half hardy perennial which will winter over if given some protection.	.50	....
Oenothera Fraseri. Deep yellow. 24 in. ¼ oz., 75c	.25	
Lamarkiana. Large yellow on long spikes, 2 ft.	.10	.25
Macrocarpa. Yellow, June-Sept. 12 in. ¼ oz., 60c	.25	2.20
Youngei. Large yellow bloom. 18 in. ¼ oz., 60c	.25	2.00
Papaver (Poppy) Alpine. × Mixed. Pretty delicate dwarf species. 10 in. ⅛ oz., 50c	.35	3.20
Bracteatum. Scarlet, 32 in.	.15	.60

PAPAVER—Continued	Trade pkt.	Oz.
Nudicaule × (Iceland). Mixed, 16 in. lb., $6.00	$0.15	$0.80
Amurense "Yellow Wonder." Large flowers of buttercup yellow are freely produced on stems 25 inches long. Foliage is glaucous, covered with short hairs. ¼ oz., 60c	.25	2.20
Yellow, Orange-scarlet and White. each	.15	.80
Coonara. Pink shades. 1½ ft. ¼ oz., 50c	.25	1.60
El Monte. Deep tangerine orange. ¼ oz., 50c	.25	1.80
The Empress. Flower large, full, well formed with broad overlapping petals, deeply fluted or wrinkled, giving the effect of doubleness. The colors range through lovely shades of salmon-rose and creamy pinks. ¼ oz., 60c	.25	2.00
The Emperor. Large flowered, orange, long-stemmed. ¼ oz., 60c	.25	2.00
Fakenham Hybrids. The flowers are 2½ to 3 in. in diameter and come in shades of orange and yellow and white with long, stiff stems. Extremely free-flowering and lasts exceptionally well as a cut flower, 2 ft. ¼ oz., 50c	.25	1.80
Gartref New Hybrids, Selected from range of art shades, all with darker penciled edging. Excellent cut flower. Blooms the first year. ¼ oz., 60c	.25	2.00
Gibson's Giant Orange, 2 ft. ¼ oz., 40c	.25	1.40
Double Mixed. ¼ oz., 50c	.25	1.60
Sanford's Giant Mixed. Very fine. ¼ oz., 50c	.25	1.80
Sunbeam. Mixed. 1½ ft. ¼ oz., 40c	.15	1.20
Vaughan's Special Mixture of Iceland Poppies, contains every worthwhile strain of these beautiful and useful Poppies. ¼ oz., 60c	.25	2.20
Orientale (Oriental Poppy). Scarlet, 3 ft. lb., $8.00	.15	.80
Brilliant. Brilliant fiery-red, 40 in. ¼ oz., 50c	.25	1.80
Beauty of Livermere. Dark oxblood. ¼ oz., 70c	.25	2.40
Carneum. Light and dark salmon pink shades. 70% true. 40 in. ¼ oz., 60c	.25	2.00
Goliath. Brilliant scarlet. ¼ oz., 70c	.25	2.40
Mahony. Maroon-crimson. 40 in. ¼ oz., $1.00	.35	3.20
Mrs. Perry. Salmon-rose. ⅛ oz., 1.20	.35	....
Olympia. Very attractive flowers, light scarlet with salmon shading. About 40% will be double flowering. This combination makes it one of the outstanding new perennials.	.60	....
Perry's White. White flowers with a tinge of blush.	.50	....
Princess Victoria Louise. Flowers rather small, resembling a large tulip, perfect form, light orange salmon. 40 in. ¼ oz., 60c	.25	2.00
The Feltham. Shades of scarlet, orange and apricot without the dark blotch at base of flower, 2 ft.	.50	....
Hybrids. Many varieties, mixed. ¼ oz., 40c	.15	1.20
New Oriental Hybrids. From a collection of new named sorts. ¼ oz., 60c	.25	2.00
The named varieties of Oriental Poppies do not come true from seed.		

Rock plants are followed by × and the heights given are of the plants when in bloom.

PRIMULA (Veris Polyanthus).

PRIMULA Cashmiriana (Lilac).

PRIMULA Auricula.

Seeds of Biennials and Hardy Perennials

	Trade pkt.	Oz.
Pentstemon. Large-flowering hybrids, mixed. ¼ oz., 50c	$0.25	$1.80
Digitalis. White tinted violet, 36 in. ¼ oz., 50c	.25	1.80
Heterophyllus. Blue Gem. × Flowers bright Gentian blue shaded with light violet. June to August, 1 to 2 ft. ¼ oz., 60c	.25	2.00
Glaber. Blue, 36 in. ¼ oz., 50c	.25	1.80
Grandiflorus. Excellent, easily-grown, long lasting cut-flower. Lavender-blue. 3 ft. ¼ oz., 70c	.25	2.40
Pubescens. Violet-purple, lips white, 18 in. ¼ oz., 70c	.25	2.40
Phlox Decussata. Perennial varieties mixed. Seed germinates slowly. 3 ft. lb., $16.00; ¼ oz., 40c	.25	1.40
Physalis Franchetti (Chinese Lantern Plant)	.15	.60
Physostegia Virginica. Deep rose flowers in close compact spikes, 4 ft. ¼ oz., 40c	.25	1.40
Virginia Alba. Fine pyramidal habit, large spikes, white flowers, 36 in. ¼ oz., 40c	.25	1.40
Compacta. Dwarf, rose. ¼ oz., 50c	.25	1.80
Gigantea. Lilac-rose, 4 ft. ¼ oz., 50c	.25	1.80
Platycodon Grandiflorum. Blue, 28 in.	.15	.60
Grandiflora. Alba. White, 28 in. ¼ oz., 25c	.15	.80
Mixed, 28 in.	.15	.60
Early Flowering Giant White. 28 in. ¼ oz., 40c	.20	1.40
Early Flowering Giant Blue. ¼ oz., 40c	.20	1.40
Praecox Gigantea, early flowering blue. ¼ oz., 60c	.25	2.00
Mariesii. Dark blue, dwarf, 16 in. ¼ oz., 70c	.25	2.00
Alba. White and faint blue, dwarf, 16 in. ¼ oz., 70c	.25	2.60
Polemonium Coeruleum. Jacob's Ladder. Large blue, very ornamental, 30 in.	.15	.50
Coeruleum Album. White, 30 in.	.15	.60
Richardsoni. Dwarf, blue, early, 20 in.	.15	.80
Polyanthus. (See Primula Veris).		
Potentilla Formosa × Cherry red, 12 in. ¼ oz., 50c	.25	1.80
Nepalensis × Miss Willmott. Bright carmine rose, 12 in. ¼ oz., 50c	.25	1.80
Roxana. Brilliant salmon with darker veins, 18 in. ⅛ oz., 50c	.25	....
Rupestris ×. White, 12 in. ¼ oz., 50c	.25	1.80
Warrensi. A lovely new plant for the sunny hardy border. Covered with large, pure yellow blossoms all summer. Suitable for cutting. 2 ft. ¼ oz., 70c	.25	2.40
Double Mixed, 20 in. ¼ oz., 70c	.25	2.40
Single Mixed, 26 in. ¼ oz., 30c	.15	1.00

PRIMULA

Auricula. × Extra choice mixed, 6 in. ¼ oz., $1.00	.35	3.60
Large Flowering. Mixed, 6 in. ⅛ oz., 1.00	.50	6.00
Giant Flowered. Mixed, 6 in. ⅛ oz., 1.40	.75	10.00
Bullesiana Hybrida. × Fine shades of yellow, orange, apricot and carmine. May-June. 18 in. ⅛ oz., $1.20	.50	....
Bulleyana. Flowers yellow, bud terra-cotta. ⅛ oz., 85c	.50	
Cashmiriana. Lilac, early, hardy, 12 in. 1/32 oz., $1.00	.50	....
Cortusoides. Rose, 10 in. ⅛ oz., 1.00	.50	....
Denticulata Grandiflora Hybrida ×. 12 in. 1/32 oz., 1.00	.50	....
Floribunda Grandiflora. Yellow, for pots. 1 ft.	.75	....
Florindae. Fragrant, bright yellow pendant flowers. 3 to 4 ft. 1/16 oz., 50c	.25	

PRIMULA—Continued

	Trade pkt.	Oz.
Japonica. All Red × 20 in. ⅛ oz., 90c	$0.50	....
Japonica Mixed. × White, purple, black and carmine, Spring. 20 in. ¼ oz., 60c	.25	$2.00
Japonica. × Special strain. 20 in. ⅛ oz., $1.00	.50	
Lisadell Hybrida Red Hugh. × Intense fiery red flowers produced in tiers growing to two feet in height. June	.50	....
Pulverulenta. × Shining purple-carmine. May-June. As hardy as Polyanthus. 16 in. ⅛ oz., $1.00	.35	....
Bartley Strain. Beautiful shades of rose and pink, 3 ft.	.50	....
Rosea Grandiflora, × Rose-carmine, May-June. 8 in. 1/32 oz., 85c	.50	....
Sikkimensis. Yellow. 15 in.	.50	....

PRIMULA VERIS KLEYNII

It has heavy stems, average length 8 to 12 inches, carrying immense heads of 15 to 25 florets, each floret 1" to 1½" in diameter, rich golden yellow shaded apricot towards center. Plants average 6 flower spikes each, perfectly hardy outside anywhere in the U. S. A. Plants forced in winter can be divided up and planted out in April. Those develop strong plants for the hardy border, rockery, or for forcing the following winter. Large heavy leaves. 100 seeds, 40c; 250 seeds, 85c; 1000 seeds, $3.00.

Veris (Polyanthus). × Coerulea. Dark blue. 1 ft.	Trade pkt.	Oz.
100 seeds, 25c; 1,000 seeds, $1.50		
Colossea Mixed. Quite a new race with flowers of phenomenal size and wonderful strong healthy growth. The large heads of flowers are born on very long and stiff stalks quite above the foliage and have proven to be very valuable as cutflowers for early forcing. The flowers which are freely produced are extremely large, measuring more than 1¾-inch across. The range of colors is most remarkable, including many quite new shades of lilac, pink, copper as well as the darkest red	$0.75	....
Grandiflora. × Mixed. 1 ft. ¼ oz., 85c	.35	$3.00
Excelsior strain of large-flowering varieties. ¼ oz., $1.50	.50	5.00
Mrs. Berkeley's Strain. Very fine new race with large flowers. ⅛ oz., $1.20	.50	....
Gigantea Teicher's Giant Mixed. ⅛ oz., 1.00	.50	6.00
Lutea. × Yellow, 12 in. ⅛ oz., .70	.25	
White. 12 in. ⅛ oz., .90	.35	
Red shades. Splendid mixture, 12 in. ⅛ oz., .70	.35	....
Acaulis, Mixed. ⅛ oz., $1.00	.25	....
Coerulea. Blue varies. 500 seeds, $1.00; 1000 seeds, $1.80	....	....
Vulgaris. × True. Yellow Primrose, 6 in. ¼ oz., 80c	.35	2.80

Prunella Grandiflora Rosea. Carmine rose, 10 in. Dwarf perennial for border. ¼ oz., 75c	.25	....
Pueraria Thunbergiana (Kudzu Vine). Fragrant purplish violet flowers. lb., $3.00	.10	.30

Rock plants are followed by × and the heights given are of the plants when in bloom.

VIOLA Cornuta. In Flower All Summer.

Seeds of Biennials and Hardy Perennials

PYRETHRUM

		Trade pkt.	Oz.
Roseum. Pink, 30 in.	¼ oz., 80c	$0.35	$2.80
Album. White, excellent	¼ oz., 70c	.25	2.40
Atrosanguineum. Dark red shades	¼ oz., 90c	.35	3.00
Carneum. Flesh	¼ oz., 60c	.25	2.00
James Kelway. Deep velvet red varies	¼ oz., 80c	.35	2.80
Grandiflorum Rubrum. Deep ruby red		.50	....
Album	⅛ oz., $1.50	.50	....
Roseum		.50	....
Mixed	¼ oz., 90c	.35	3.20
Giant Robinson's Hybrids	¼ oz., 90c	.50	3.00
Comet-Flowered. Single and semi-double with twisted petals	⅛ oz., $1.40	.50	....
Double White. New selection		.75	....
Double Pink. Very choice		.50	....
Double Atro-roseum, red	⅛ oz., $1.60	.50	....
Double mixed. Extra choice	¼ oz., 1.30	.50	4.00
Cinerariaefolium. Persian Insect Powder Plant. White, for cutting, 2 ft.	¼ oz., 40c	.15	1.40
Ptarmicaeflorum. Silvery white, graceful feathery foliage, excellent for florists' work; valuable for pots, beds, edgings rockeries	⅛ oz., $1.00	.35	....
Tchihatchewii. (Turfing Daisy.) White; for poor soils. 6 in.	¼ oz., 50c	.25	1.80
Uliginosum. Giant Daisy. White; late bloomer. 4 ft.	¼ oz., 90c	.35	3.20
Ramonda Pyrenaica. Flat leaved rosettes, soft violet Verbascum-like flowers, fine dwarf alpine, 6 in.	100 seeds, $1.00	....	....
Pyrenaica Alba. Beautiful white flowers. 2 ft.	100 seeds, $1.40	....	....
Ranunculus Asiaticus Superb. Mixed. Very fine varieties in mixture	lb., $6.00	.15	.60
Double Camellia Flowered. Very large flowers in most distinct and uncommon colors, double, semi-double and single. 12 in.	¼ oz., $1.20	.50	4.00
Vaughan's Super Hybrids Mixed	¼ oz., 1.40	.75	5.00
Rehmannia Angulata. Rose and red shades, 24 in.	¼ oz., 90c	.35	3.40
Rock Plants. Perennial Mixed	¼ oz., 40c	.25	1.40
Romneya Coulteri (California Giant Poppy). Beautiful snowy-white fragrant flowers. 4 ft.	¼ oz., 60c	.35	2.00
Rosa Polyantha Nana Multiflora fl. pl. × The baby rose for rock gardens, blooms in 10 weeks, resembles Rose Rouletti, clean seed	¼ oz., 85c	.35	3.00
Rudbeckia Hirta Herbstwald Autumn tints. A special new cut flower. The plant grows to a height of 2 feet and produces its well-formed, large starflowers in all the autumnal shades on long, firm stems. They are of easiest culture, preferring a sunny location. In general appearance they resemble Gerberas, and to call them the "Gerberas of the north" would be a most suitable name for them. The colors range through all the gorgeous, fiery, autumn tints. ¼ oz., $1.00; trade pkt., 50c.			

RUDBECKIA—Continued		Trade pkt.	Oz.
Fulgida. Yellow, disc dark, very free, 38 in.	¼ oz., 25c	$0.15	$0.80
My Joy (Giant Black-Eyed Susan). Large orange-yellow flowers	¼ oz., 40c	.25	1.40
Newmanii (Speciosa). Orange rays, black disk; a showy autumn bloomer	¼ oz., 40c	.25	1.40
Purpurea (Echinacea). 4 ft.	¼ oz., 40c	.25	1.40
Salvia Argentea. Large ornamental white leaves. 36 in.		.15	.60
Azurea Grandiflora. One of the nicest blue-flowering Sages of tall growth and long stalks. The flowers are very large and of high effect	¼ oz., 50c	.25	1.80
Patens. Very large flowers, splendid blue, free bloomer	¼ oz., 60c	.25	....
Turkestanica. Bracts white to lilac. 4½ ft.	¼ oz., 50c	.25	1.60
Verbascifolia Syria. Tall spikes of light blue and white flowers with dark markings. 5 ft.	¼ oz., 50c	.25	1.80
Santolina Tomentosa. Yellow, silvery foliage, 2 ft.	1/16 oz., $1.00	.50	....
Saponaria × Ocymoides Splendens. Rosy purple. Pretty border or rock plant		.15	.60
Saxifraga Aizoon. × Creamy white silver braided. 6 in.		.50	....
Cordifolia × Vivid rose. A fine rock plant, 24 in.	100 seeds, 35c; 1000 seeds, $2.50	...	....
Decipiens Grandiflora. × Masses of white flowers; charming. 18 in.	⅛ oz., 75c	.35	....
Hybrida. Purple Robe. × Carmine with purple reflex, 8 in.	1/32 oz., 80c	.35	
Lingulata Leichtlini. Vivid rose, 28 in.	100 seeds, 30c; 1000 seeds, $2.50	...	....
Megasea Species. Large leathery leaves with short stemmed racemes of flowers. Spring		.75	
Perennial Species mixed	1/16 oz., 50c	.35	
Mossy Varieties mixed	1/16 oz., $1.00	.50	
Scabiosa Caucasica Alba. Pure white, 40 in.	¼ oz., 60c	.25	2.00
Perfecta. Lavender. Improved form, flowers very large and beautiful	¼ oz., 60c	.25	2.20
House's New Hybrids. Flowers very large and of beautiful form, ranging in color from light azure-blue and lavender to deep blue and silvery white.	¼ oz., 80c	.35	2.80
Goldingensis. Large flowers, waved petals, small center, deep lavender	¼ oz., 80c	.35	2.80
Vaughan's Special Mixture. All the above Caucasica types	¼ oz., 80c	.35	2.80
Fischeri. Flower is 2½ inches across and is beautiful blue-purple color. Flowering growths are clothed with smaller, finely-cut foliage up to the height of a foot or more, these ending in a long, naked flower stem which makes the plant a useful subject for cutting. 2½ ft.	¼ oz., 70c	.25	2.40
Columbaria Delicate Pink. Deep rosy-mauve. 2 ft.	¼ oz., 60c	.25	2.00
Delicate Lavender, 2 ft.	¼ oz., 60c	.25	2.00
Japonica. Clear blue flowers, 30 in.		.15	.50
Sedum × Acre (Golden Moss). A pretty little subject for walls and rock gardens. Golden yellow flowers. 3 in.	⅛ oz., 70c	.25	....
Aizoon. Yellow with brown. 5 in.		.50	
Anglicum. Foliage blue-green, flowers white with peach-blossom. June-July, 4 in.		.50	
Reflexum. Blue-green foliage, flowers yellow. Creeping. 10 in.		.35	
Mixed	¼ oz., 85c	.35	
Sempervivum × Perennial species. Mixed		.35	
Senecio Clivorum Orange Queen. Stately border plant; loves moisture. Orange flowers. July. 4 ft.	¼ oz., 60c	.25	
Sidalcea Rose Queen. Splendid rose flowers.	¼ oz., 40c	.25	1.40
Rosy Gem. Mallow rose, 18 in.	¼ oz., 40c	.25	1.40
New Hybrids	¼ oz., 50c	.25	1.80
Scutellaria × Coelestina. Dense bushy habit, abundance of light blue flowers	⅛ oz., 80c	.25	
Silene Alpestris × Sheets of glistening white flowers from May to July. Prefers shade. 6 in.	1/16 oz., 60c	.35	
Asterias Grandiflora. Large globular crimson-scarlet heads. 18 in.	¼ oz., $1.00	.35	3.60
Orientalis. Bright red flowers in terminal umbels. 30 in.		.15	.50
Saxifraga. Creamy white, tinged red, 10 in.	¼ oz., 60c	.25	....
Schafta. × Rosy purple, trailing habit, July. 8 in.	¼ oz., 50c	.25	1.80
Siberica. × Rose. 18 in.	⅛ oz., 75c	.35	....

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Seeds of Biennials and Hardy Perennials

		Trade pkt.	Oz.
Sisyrinchium × Anceps. Blue-eyed grass. Pretty little Iris with grass-like foliage; flowers deep blue with darker eye. May. 7 in.	1/16 oz., 60c	$0.35	
Solidago (Golden Rod). × Canadensis. 5 ft.	1/4 oz., 50c	.25	$1.80
Missouriensis (Aster hyb. luteus). Giant corymbs of primrose yellow. 2½ ft.		.75	....
Stachys Lanata. Silver leaves, purple flowers, 24 in.		.15	.60
Statice Latifolia. Small lavender blue flowers in large panicles. 1 ft.	1/4 oz., 40c	.20	1.40
Caspia. Tender lilac color, 30 in.	1/4 oz., 60c	.35	2.20
Dumosa. Dense cushions of pure silver-gray flowers; an improved Tatarica. 30 in.	1/4 oz., 50c	.25	1.60
Macrophylla Atro-coerulea. Dark blue. 2½ ft.	1/4 oz., 60c	.25	2.00
Perezii. Free-flowering lavender species, 30 in.	1/4 oz., 50c	.25	1.60
Tatarica (Incana). White, best for dyeing. 18 in.		.15	.60
Stokesia Cyanea (Stoke's Aster). Large blue flowers, dwarf habit, beautiful late bloomer	1/4 oz., 40c	.25	1.50
Cyanea Alba. Blush white variety. 16 in.	1/4 oz., 40c	.25	1.40
Mixed	1/4 oz., 40c	.20	1.40
Teucrium (Germander) Chamaedrys. Grey foliage, spreading habit, small rose colored flowers, 8 in.		.25	....
Thalictrum Aquilegifolium (Meadow Rue). Graceful foliage, mixed colors, 40 in.	1/4 oz., 45c	.25	1.40
Adiantifolium. Flowers yellow, 18 in.	1/4 oz., 45c	.25	1.40
Dipterocarpum. Lovely mauve flowers in large panicles, most charming for cutting. 4 to 5 ft.	1/4 oz., 45c	.25	1.50
Glaucum. Bronze-yellow, June, 4 ft.		.15	.85
Thermopsis Caroliniana. Yellow pea-shaped flowers in long racemes. 3 ft.	1/4 oz., 70c	.25	2.60
Thymus Serpyllum. × (Wild Thyme). Creeping habit, hairy foliage, purple flowers, 2 in.	1/8 oz., 60c	.25	....
Serpyllum Coccineum. Bright red. Most effective variety	1/8 oz., 60c	.25	....
Tritoma Uvaria Grandiflora (Red-Hot Poker Plant or Torch Lily). 40 in.	1/4 oz., 40c	.25	1.40
Hybrida, Perpetual-Flowering. 3 ft.	1/4 oz., 50c	.25	1.60
Express. Early-flowering, yellow, bud red. 3 ft.		.20	1.20
Mirabilis. Yellow, blooms first year. 3 ft.	1/4 oz., 50c	.25	1.80
Pfitzer's Hybrids	1/4 oz., 50c	.25	1.80
Trollius (Globe Flower) Ledebouri. Late flowering, large orange-yellow flowers. 2 ft.	1/4 oz., $1.35	.50	5.00
Ledebouri Golden Queen. Large flowers, petals golden orange-yellow anthers in early summer. 3 to 4 ft.	1/4 oz., $1.35	.50	5.00
Europaeus. Pale yellow. 20 in.	1/4 oz., 65c	.35	2.40
Hybridus Orange Princess. Bright orange	1/4 oz., $1.35	.50	5.00
Mixed	1/4 oz., 1.00	.35	3.40
☞Put Trollius seed 30 seconds in boiling water before sowing.			
Tunica × Saxifraga. Lilac-rose, May. 10 in.		.15	.60
Valeriana Alba white (Garden Heliotrope). 36 in.		.15	.60
Rubra (Coccinea). Purple rose. 36 in.		.15	.60
Mixed. White and red		.15	.60
Officinalis. Heads of rose-tinted white flowers. June-July; with strong heliotrope odor. 4 ft.	1/4 oz., $1.00	.35	....
Verbascum Miss Willmott. Large yellowish white flowers, 5 ft.		.15	.80
Harkness Hybrids. Immense spikes of pure yellow, tall vigorous habit, splendid variety. 7 ft.		.15	.80
Olympicum. Silvery foliage, golden-yellow flowers 6 ft.	1/4 oz., 70c	.25	2.40
Phoeniceum Hybrids. Mixed. Graceful spikes in various shades including white, pink, salmon and violet, 2 ft.		.15	.60
Verbena Canadensis. Of spreading habit, with large reddish lilac trusses of flowers, produced through entire summer. Robust garden subject		.25	....
Veronica Amethystina. × Long racemes of bright blue flowers, 1 ft.	1/4 oz., 60c	.25	2.20
Incana. (Candida). Ageratum-blue, silvery foliage, 12 in.	1/4 oz., 85c	.35	3.00
Longifolia (Maritima). Compact clusters of blue flowers, 30 in.	1/4 oz., 40c	.25	1.40
Hendersoni Nana. Dark blue, free flowering. 12 in.	1/4 oz., 50c	.25	1.80
Repens. × Dwarf branching, pale blue, 2 in.	1/4 oz., 60c	.25	2.20
Spicata. Various shades, 18 in.	1/4 oz., 50c	.25	1.60
Rosea. Pure pink		.35	....
Teucrium Prostrata. Mixed, 6 in.	1/4 oz., 70c	.25	2.40
Royal Blue. Dwarf bushy habit, bright dark blue flowers. 1 ft.	1/4 oz., 70c	.25	....
Perennial Species. Mixed	1/4 oz., 50c	.25	1.80

Viola

		Trade pkt.	Oz.
Cornuta. Admiration. Very large circular purple flowers. 8 in.	1/4 oz., 50c	$0.25	$1.60
Blue Perfection. Light blue. Large flowered. 8 in.	1/4 oz., 50c	.25	1.60
Chantreyland. A perfect Viola, producing masses of purest apricot flowers.	1/4 oz., $1.20	.35	4.00
Golden Orange. Shade or two darker than Viola Chantreyland, uniform color, free flowering.	1/4 oz., 70c	.25	....
G. Wermig. Rich violet-blue, 8 in.	1/4 oz., 1.80	.50	6.00
White Wermig. 8 in.	1/4 oz., 50c	.25	1.80
Ilona. Wine red.	1/4 oz., 50c	.25	1.80
Jersey Gem. Compact habit, deep violet-blue. 8 in.	1/4 oz., $3.20; 1/8 oz., $1.80	.50	....
Lutea Splendens. Chrome yellow. 8 in.	1/4 oz., 50c	.25	1.60
Mauve Queen. Reddish violet, 8 in.	1/4 oz., 50c	.25	1.80
Papilio. Blue and white, 6 in.	1/4 oz., 50c	.25	1.60
Primrose Perfection. A good yellow.	1/4 oz., $1.20	.35	4.00
Puck. The 2 upper petals are clear purple-violet, the 3 lower, golden-yellow. 6 in.	1/4 oz., 60c	.25	2.20
Rosea, 6 in. varies.	1/4 oz., $1.20	.35	4.00
Spring Messenger. Bright rich purple.	1/4 oz., 50c	.25	1.80
Violette. Deep violet blue.	1/8 oz., $1.25	.50	8.00
White Perfection. White. Large fld., 8 in.	1/4 oz., 50c	.25	1.80
W. H. Woodgate. Violet blue, large, round flowers on long stems, 9 in.	1/16 oz., $1.00	.50	....
Vaughan's Improved Scotch. Three and five blotched in splendid mixture.	1/4 oz., 85c	.35	2.80
Mixed. Small Flowering Type.	1/4 oz., 50c	.25	1.80
Hybrida Apricot. Beautiful rich apricot shades tinged towards center.	1/4 oz., 85c	.35	3.00
Arkwright Ruby. Bright ruby crimson, with central markings; velvety; fragrant.	1/8 oz., $1.00	.35	6.00
Black Prince. 8 in.	1/4 oz., 50c	.25	1.80
Blue Butterfly. Mid-blue shading to white. Resembles Pansy Beaconsfield.	1/4 oz., $1.00	.35	3.60
Primrose Dame. Sulphur yellow. 8 in.	1/4 oz., 70c	.35	2.40
Vaughan's Special Mixture. The bright shades of self colors of red, yellow, blue and apricot, combined with many shades which are blotched, undoubtedly makes these Violas a supreme mixture.	1/4 oz., $1.20	.50	1.20
Tufted Pansies. Finest mixture of these long and free blooming varieties, 9 in.	1/4 oz., 50c	.25	1.80

VIOLA—VARIOUS TYPES

Bosniaca. Free blooming, small deep purple flowers, 4 in.	1/4 oz., 70c	.25	2.40
Florariense. Beautiful lavender	1/8 oz., $1.50	.50	....
Gracilis Lord Nelson. Violet-purple, 6 in.	1/4 oz., 80c	.35	2.80
Eisenach Jewel. Small-flowered, deep violet		.50	....
Johnny Jump Up. Little Pansy faces of purple, blue and yellow		.50	....
Nigra (Bowles Black Pansy). Interesting and attractive little pansy, pretty small black flowers		.35	....
Odorata (The Czar Blue). Dark blue.	1/4 oz., 70c	.30	2.60

Wallflower. Double Annual "Early Wonder". This remarkable new Wallflower comes into bloom within 5 months from sowing; seedlings will produce beautiful, sweet scented flowers during winter and early spring, in the cold frame or a cool house. These must be grown in 4 inch flats, they do not like too much root room. 2 ft.

Canary-Yellow (Gold Standard)	1/4 oz., 75c	.25	....
Golden-Yellow, flaked with brown.	1/4 oz., 75c	.25	....
Dark Brown	1/4 oz., 75c	.25	....
Violet	1/4 oz., 75c	.25	....
Double Annual Early Wonder Mixed.	1/4 oz., 50c	.25	1.80
Double Tall Branching, Golden yellow, 2 ft.		.50	....
Dark Brown		.50	....
Violet		.50	....
Double Tall Tree. Golden yellow.		.50	....
Dark Brown		.50	....
Violet		.25	....
Single Goliath. Early flowering dark brown. 2 ft.		.10	.40
Mixed		.10	.30
Parisian Forcing, mixed, 15 in.		.15	.60
Annual Blood Red		.10	.40
Yellow, 20 in		.10	.40
Wistaria Sinensis. Blue		.10	.30
Yucca Filamentosa (Adam's Needle). Apple green leaf, branched panicles, 5 ft.	lb., $3.20	.10	.30

Rock Plants are followed by × and the heights given are of the plants when in bloom.

Hardy German Iris

☛ "S" refers to the three standard or upright curling petals. "F" refers to the three falls or drooping petals.

All prices are F.O.B. Western Springs, Ill., packing charges to be added to cost.

	Each	10	100
Alta California. 48 in. Superb flowers of deep golden yellow, faintly bronzed. An extra fine new yellow	$0.45	....	.....
Alcazar. "S" light bluish violet; "F" rich velvety crimson-purple. A very rich and striking flower	....	$0.60	$3.00
Ambassador. Late. "S" fascinating smoky purple; "F" velvety purple maroon. Very popular	....	.60	3.00
Archeveque. Deep velvety purple-violet	....	.60	3.00
Autumn King. 30 in. A large blue-purple bicolor. Flowers in the spring and again in the autumn	....	.80	6.00
Autumn Queen. A white companion to the Autumn King	....	2.00	.....
Baldwin. 40 in. Gigantic flowers of a uniform Manganese violet color	.20	1.50	.....
Black Wings. 38 in. Large flowers of intense midnight blue overlaid with a frosty black luster	.40	....	.....
Blue Velvet. 46 in. A clear, beautiful, very dark blue self, the color of the richest deep blue velvet	.20	1.75	.....
Cameliard. 48 in. "S" amber yellow; "F" yellow, flushed light purple. A brilliant, light variegata	.15	....	.....
Canopus. 36 in. Dominion seedling. "S" reddish violet; "F" rich pansy violet	....	.60	4.00
Caprice. "S" reddish purple; "F" deeper purple	....	.60	3.00
Clara Noyes. 38 in. Of sensational coloring, a brilliant blending of red, orange and yellow	.25	....	.....
Coralie. 38 in. A vividly colored blend of pink and red. Unusually lovely flowers of fine form	2.50	....	.....
Coronation. 40 in. A brilliant, clear deep golden yellow of fine form and substance	....	1.50	.....
Crystal Beauty. 40 in. Large, perfectly shaped flowers of pure, snow-white on well branched stalks	2.50	....	.....
Dauntless. 40 in. A brilliant rose-red self	.30	....	.....
Depute Nomblot. 50 in. "S" coppery-red, flushed bronze; "F" rich claret crimson. A magnificent Iris	.30	....	.....
Desert Gold. 30 in. Very large flowers of soft, luminous yellow. Early flowering; fragrant	.30	....	.....
Dolly Madison. 38 in. Best described as a Glorified Quaker Lady. Very fine large flowers	.15	1.25	10.00
Dorothy Dietz. 38 in. "S" opens light chickory blue changing to white; "F" deep pansy violet	.25	....	.....
El Capitan. 40 in. Huge light violet-blue flowers	.20	1.75	.....
Eros. 38 in. An exquisitely colored Iris of salmon-pink with soft yellow haft and beard	2.00	....	.....
Frieda Mohr. 42 in. A gigantic pink-toned Iris of perfect form and brilliant coloring. Fragrant	.15	1.20	10.00
Golden Glory. 36 in. A fine medium toned yellow self	....	.70	5.00
Golden Harvest. 18 in. A fine yellow fall bloomer	.35	....	.....
Grace Sturtevant. 36 in. Rich colored and showy. "S" dark red-brown, with darker velvety falls	.15	1.25	.....
Happy Days. 40 in. An immense clear yellow that usually carries 7 to 8 massive blooms to the stalk	4.00	....	.....
Hermene. 40 in. Deep pink blend, golden center	.20	1.75	.....
Indian Chief. 40 in. "S" beautiful reddish pink; "F" deep rich glowing velvety red. Very striking	.15	1.25	10.00
Imperator. Very similar to Seminole, but duller in color and a taller grower. Late	....	.75	5.00
Imperial Blush. 40 in. A beautiful large blush pink	.60	....	.....
Jean Cayeux. 38 in. A beautiful blending of coffee brown with a golden glint. A masterpiece	1.50	....	....
Joycette. 42 in. Huge flowers, 6 to 6½ inches, that are a rich blazing red in the sun	1.50	....	.....
King Juba. 38 in. "S" pure clear yellow; "F" wide, deep velvety red. A striking variegata	.25	2.00	.....
King Tut. 34 in. A brilliant red-brown bicolor	.20	1.75	.....
Labor. 36 in. "S" dark violet heliotrope; "F" a deeper shade. An absolutely new color	....	1.00	8.00
Lady Byng. A beautiful Iris of clear pale lavender with a slight suffusion of rose	....	.60	3.00
Lent A. Williamson. Early. "S" very broad, soft campanula violet; "F" very large velvety royal purple. Brilliant gold beard. Always dependable	....	.60	3.00
Los Angeles. 40 in. Giant, snowy-white flowers of satin texture; standards edged lavender-blue	.20	1.80	.....
Mareschal Ney. 36 in. A very rich bicolored red with a chestnut brown tone. Large flowers	.15	1.25	.....
Mary Geddes. 38 in. S. salmon flushed yellow; F. same shade overlaid Pompeian red. Very fine	.75	....	.....
Midgard. A yellow and pink blend of great beauty	....	1.25	10.00
Morning Splendor. 40 in. Delightfully fragrant; gives a beautiful red effect in the garden	....	.80	6.00
Mrs. Valerie West. 42 in. "S" bronze flushed with lavender; "F" massive and flaring, deep, velvety crimson brown. Exceedingly large handsome flowers	.15	1.25	.....
Nebraska. 34 in. Large flowers of rich apricot yellow, the falls striped brown	.20	1.80	.....
No-We-Ta. 35 in. A beautiful true pink self in effect with yellow flushes at the center. Flowers frilled	.50	....	.....
Pink Satin. 42 in. Large, finely shaped flowers of a very delicate, yet glistening pink	.40	....	.....
Pluie d'Or (Golden Rain). 40 in. Probably the best pure golden yellow self yet introduced	....	1.20	10.00
President Pilkington. 46 in. Very large flowers of pale buff and lavender blend. Extra choice	.40	3.00	.....
Princess Beatrice. Silvery lavender	....	.60	3.00

IRIS—Continued	Each	10	100
Prospero. "S" pale lavender flushed with yellow at base; "F" deep red-purple with lighter shadings at margin. Deep orange beard. Strong grower	....	$0.60	$ 3.00
Rameses. 36 in. A large blend of russet rose, pink and buff. Attracts immediate attention	$0.15	1.25	10.00
Red Dominion. 40 in. An outstanding variety of glowing ox-blood red	.50	....	.....
Santa Barbara. 40 in. This is probably the finest of pure lavender-blue Irises. Of perfect form with flaring falls	....	1.20	8.00
Sensation. 48 in. Enormous corn-flower blue flowers of perfect form and heavy substance	.20	1.75	.....
Sierra Blue. 48 in. Enormous flowers of soft, clear enamel-like blue. A 1935 medal winner	1.25	....	.....
Sir Michael. 48 in. Considered by many the finest blue bicolor. "S" opalescent lavender-blue; "F" velvety-purple	.25	2.00	.....
Souv. de Mme. Gaudichau. "S" Bradley's violet; "F" brilliant black-purple. Millet's best variety	....	.80	6.00
Susan Bliss. 42 in. Deep rose-pink	....	.80	6.00
Taj Mahal. 36 in. A very fine pure white	....	.75	5.00
True Charm. 40 in. Fine large flowers of white with the margins delicately etched lavender	....	.80	6.00
Ultra. 14 in. A beautiful ultramarine blue bicolor. Fall bloomer	.20	1.50	.....
Valencia. 30 in. A bright orange buff, similar to the color of the Valencia orange	....	1.00	8.00
Venus de Milo. 49 in. Pure white with a rich creamy tone. Large flowers of perfect form	.50	....	.....
Vesper Gold. 42 in. A new distinct yellow suffused with violaceous reflections. A beautiful Iris	....	.75	5.00
Wm. Mohr. 26 in. Large flower of pale lilac, beautifully veined manganese-violet	.20	1.75	.....

VARIOUS IRIS

Cristata. Early. A dwarf creeping variety with large blue flowers. Fine for use in rock garden	....	1.25	10.00
Monnieri. 48 in. Golden yellow flowers of excellent form.	.25	2.00	.....
Pseudacorus. (Common Yellow Water Flag.) Bright yellow. Fine for waterside plantings	....	1.25	10.00
PUMILA Hybrida. 6 to 8 in. Dwarf varieties that bloom two weeks in advance of the German Iris.			
Dixmude. "S" aniline blue; "F" rich purple	....	1.00	6.00
Orange Queen. Clear deep yellow	....	1.20	10.00
White	....	1.00	8.00
SIBIRICA. Butterfly. Lovely porcelain blue	....	.60	4.00
Emperor. Large flowers of deep violet-blue	....	.70	5.00
Geo. Wallace. (Azure blue.) "F" marked white	....	.60	4.00
Orientalis. Rich, deep purple	....	.50	3.00
Perry's Blue. A tall, beautiful variety, excellent for cutting. Large, well formed flowers of sky-blue	....	.60	4.00
Snow Queen. Large ivory-white	....	1.00	6.00
Mixed	....	.50	3.00
VERSICOLOR. (Common American Water Flag.) Showy violet-blue. Blooms for a long time	....	1.00	8.00

JAPANESE IRIS (Kaempferi)

Azure. Large delicate mauve-blue flowers. Double	.20	1.80	17.00
Gold Bound. White with gold banded center. Double. Early	.20	1.50	12.00
Iso-No-Nami. Suffused rose and blue over white. A large double; late	.25	2.20	18.00
Kumochi-Guma. Dark purplish indigo. Midseason. Double	....	1.80	15.00
Mahogany. Velvety mahogany red. Double	.25	2.20	18.00
Momigi-No-Taki. Variegated rosy carmine. Double.	.25	2.20	18.00
Purple and Gold. Rich violet-purple. Gold center. Double. Midseason	....	1.50	12.00
Seacrest. Six large wavy white petals with a deep blue haft	.20	1.80	17.00
Uchiu. Cerulean blue, veined white. Gold center. Double.	.20	1.80	15.00
Warai Hotei. Dark blue with light veins. Double	.25	2.20	18.00
Mixed Seedlings 1000, $50.00	.25	.75	6.00

FORCING ROSES

POLYANTHA AND BABY ROSES

PRICES of the following. Forcing Grade. Each, 35c; 10, $3.00; 100, $27.00.

Brilliant Echo. Improved Echo, like Roserie in color but of more uniform rosy pink.

Crimson Baby Rambler. Still a favorite. Light crimson flowers in clusters of 30 to 40.

Gloria Mundi. New. Double, lasting flowers of glowing orange-scarlet, borne in large clusters.

Golden Salmon. Bright orange-salmon flowers in huge clusters. Blooms continuously.

Ideal. Decidedly an outstanding variety, flowers brilliant garnet-red, keeping their color well.

Karen Poulsen. New. Big single blooms in large clusters. Color is brilliant scarlet that does not fade. Plant strong and upright in habit.

Mrs. R. M. Finch. Double soft rosy-pink flowers, 2 inches in diameter. A very fine color.

Triomphe Orleanais. Brilliant cherry-red, lasting in color; blooms profusely in trusses. Considered the finest of the light red Polyanthas.

Vaughan's Peonies

5 of a Kind at the 10 Rate—25 of a Kind at the 100 Rate

WE HAVE an exceptionally large stock of our own growing, **Strictly true to name**, all in strong divisions, with from 3 to 5 eyes each.

The figures preceding the varieties are the rating given to them by the American Peony Society.

Peonies in established plantings need to be fed each Spring. A top-dressing of Vaughan's Plant Ration (5-8-7) well worked in will do wonders, but it should be applied early.

WHITE AND LIGHT SORTS

		Each	10	100
8.8	**Alsace-Lorraine.** Creamy white; late	$0.35	$2.50	$18.00
8.7	**Avalanche.** Pure snow-white, with a few pencilings of carmine on the edge of the center petals; fragrant. A splendid white; crown type; late midseason	.20	1.75	15.00
9.0	**Baroness Schroeder.** Rose type; late. White with shadings of flesh. Good storage variety	.35	2.50	20.00
7.8	**Duc de Wellington.** Very large, well-formed sulphur-white bloom, stems very firm and long	.20	1.50	12.00
8.1	**Duchess de Nemours.** Early, Sulphur-white; fragrant, good commercial variety	.20	1.50	12.00
9.2	**E. B. Browning.** A very large white. Late	.50	4.00	....
8.9	**Enchantresse.** Large creamy white. Rose type very late	.40	3.00	25.00
9.3	**Festiva Maxima.** Very popular large white. Early	.20	1.75	15.00
9.1	**Frances Willard.** Exquisite blush-white, of good substance and a fine cut-flower variety	.40	3.50	30.00
8.9	**Jubilee.** Very large ivory-white; early	.40	3.00	25.00
9.8	**Kelway's Glorious.** Cream white; mid-season	1.25	10.00	....
8.6	**La Lorraine.** Enormous blooms of creamy-white, overlaid with soft pink. Good show variety	1.00	9.00	....
8.3	**La Rosiere.** White with cream-white center; semi-double; midseason	.30	2.50	15.00
9.9	**LeCygne.** The highest rated white	1.75	15.00	....
7 9	**Madame de Verneville.** Delicate rose-white, very desirable. June rose fragrance. Early	.20	1.50	12.00
9.4	**Mme. Jules Dessert.** White with delicate tints of flesh and straw. Strong growing, free flowering and a great prize winner; midseason	.40	3.50	30.00
8.5	**Marie Lemoine.** Large, compact, pure white, cream-white center, carmine tips. Fragrant; late	.30	2.50	15.00
7.8	**Miss Salway.** Lilac white. Early midseason	.30	2.50	20.00
8.3	**Mons. Dupont.** Very large, cup-shaped flower; ivory-white; center petals splashed with carmine; fragrant; a strong grower; very tall; midseason	.25	2.00	15.00
8.8	**Nymphaea.** Semi-double flowers of delicate creamy white. Yellow stamens	.40	3.50	.....
8.6	**Primevere.** Sulphur-yellow. Bomb type; very fragrant; mid-season	.60	5.00	....
9.7	**Solange.** Deep cream, tinged with amber. Late	.50	4.00	.....
9.4	**Tourangelle.** Pearl-white overlaid with delicate shades of salmon. Late	.50	4.00	.....

LIGHT AND DARK PINK AND ROSE

8.6	**Albert Crousse.** Large, compact bomb-shaped flower of flesh pink. Good cut-flower variety; late.	.20	1.50	10.00
7.1	**Alexander Dumas.** Bright pink, intermixed with creamy white petals. A fine cut-flower variety	.15	1.20	10.00
8.1	**Asa Gray.** Large, salmon-flesh sprinkled with minute dots of carmine-lilac. Very distinct	.20	1.50	10.00
7.7	**Dorchester.** Creamy flesh-color, tinged with pink.	.15	1.20	10.00
7.6	**Edulis Superba.** Bright clear mauve-pink with silvery reflex; fragrant. This variety is usually in bloom by Decoration Day	.20	1.50	12.00
7.5	**Floral Treasure.** Large showy, pale lilac rose. Good commercial variety. Midseason	.20	1.50	12.00
7 9	**Georgiana Shaylor.** Pale rose-pink; midseason	.40	3.50	30.00
9.1	**Hansian Brand.** Giant flowers of deep flesh-pink with a salmon reflex. Wonderful show flower	3.00	....	....
7.9	**Jeanne d' Arc.** Soft pink, intermingled with petals of bright pink and sulphur-yellow	.20	1.20	10.00
9 1	**Lady A. Duff.** Enormous pale pink; midseason	.35	3.00	20.00
9.0	**La France.** Soft appleblossom-pink; late midseason.	.50	4.00	35.00
7.5	**La Tulipe.** Delicate pink, outer petals striped with red tulip markings; midseason; fragrant	.20	1.20	10.00
8.9	**Lilliam Gumm.** Shell-pink deeper in center. Rose type; very fragrant; late mid-season	.90	7.50	.....
7.3	**L'Indispensable.** Fresh hydrangea-pink	.15	1.20	10.00
8 1	**Livingstone.** Solid light pink. Late	.30	2.00	15.00
8.8	**Loveliness.** Large flat rose-type flowers of hydrangea-pink Late; fragrant	.50	4.00	35.00
7.9	**Mad. Ducel.** Light rose, silver reflex. Resembles the variety Mons. Jules Elie. Midseason	.20	1.50	12.00
8.5	**Mad. Emile Galle.** Shell-pink. Rose type; fragrant; late	.25	2.00	15.00
7.7	**Mad. Forel.** Immense, compact, bell-shaped bloom. Clear deep rose: very fragrant; late	.20	1.50	12.00
7.9	**Mad. Joanne Sallier.** Rose-pink; early	.40	3.00	.....
8.4	**Marguerite Gerard.** Very pale hydrangea-pink	.30	2.50	15.00
9.1	**Martha Bulloch.** Soft rose-pink. Late	.60	5.00	.....
8.7	**Mary P. King.** Light coral-pink	.50	4.00	.....
9.0	**Mary Woodbury Shaylor.** Clear pink with cream center; midseason	.75	5.00	.....
9.0	**Milton Hill.** Delicate lilac-pink. Rose type; late.	.60	5.00	40.00
	Minamota. Vivid rose-pink with a mass of yellow stamens. Almost semi-double. Very unusual	.60	5.00	.....
7.8	**Modele de Perfection.** Light violet-rose. Free-blooming and fragrant. Late	.20	1.50	12.00
9.2	**Mons. Jules Elie.** Immense early pink	.30	2.50	18.00
9.1	**Myrtle Gentry.** Immense flowers of wonderful substance; pink-tinted flesh and salmon; fragrant	2.00	....	....
8.5	**Octavie Demay.** Delicate hydrangea-pink. Dwarf. Early	.25	2.00	12.00
8.2	**Pierre Duchartre.** Rose type; late. Large, compact flowers of a delicate flesh-pink; fragrant	$0.40	$3.00	$25 00
8.7	**President Taft.** See Reine Hortense			
8.7	**Reine Hortense (President Taft).** One of the finest Peonies. A vigorous, strong grower, a profuse bloomer and an excellent cut-flower variety. The flowers are extremely large and in color are a uniform light pink, center flecked crimson. Midseason. This variety and Sarah Bernhardt are two pink Peonies of highest quality for all purposes	.35	2.50	18.00
8.8	**Rosette.** Delicate shell-pink shading to a salmon at base of petals	.60	4.00	. . .
9.0	**Sarah Bernhardt.** Appleblossom-pink; late midseason. Fine cut-flower and storage variety	.35	2.50	20.00
7.8	**Souvenir de Francois Ruitton.** Bright chetry pink.	.40	3.00	20.00
9.1	**Souvenir de Louis Bigot.** Bright bengal-rose. Large rose-form; midseason	.40	3.50	30.00
9.8	**Therese.** Violet-rose, changing to lilac-white; midseason	.60	5.00	40.00
8.3	**Venus.** Delicate shell pink. Crown type; midseason	.30	2.50	20.00
9.3	**Walter Faxon.** Bright delicate rose	.50	4.00	35.00

RED AND CRIMSON

8.7	**Auguste Dessert.** Velvety crimson-carmine with silvery reflex	.60	5.00	.....
7.8	**Augustin d'Hour.** Bomb type; midseason. Color very deep, rich, brilliant solferino-red with slight silvery reflex	.30	2.50	20.00
8.6	**Cherry Hill.** Deep garnet with conspicuous sheen; early	.50	4.00	35.00
8.4	**Felix Crousse.** Good red for florists. Late mid-season	.20	1.80	15.00
8.2	**Grover Cleveland.** Rich dark crimson; late	.25	2.00	15.00
8.6	**Inspector Lavergne.** Vivid crimson	1.00	7.50	.....
8.8	**Karl Rosefield.** Very large flower, globular semi-rose type. Extremely vigorous grower; tall, early	.25	2.00	15.00
7.8	**Lord Kitchener.** Brilliant cherry-red; early mid-season	.30	2.50	20.00
9.0	**Longfellow.** Bright crimson. Semi-rose type; tall; late midseason	.40	3.50	30.00
6.9	**Louis Van Houtte.** Deep carmine-rose	.20	1.50	12.00
7.5	**Mareschal Valliant** (Grandiflora Rubra). Light red, resembling the American Beauty Rose. Late	.20	1.50	12.00
8.7	**Mary Brand.** Vivid crimson of immense size; full double; a free-bloomer and a strong grower; delightfull fragrance; midseason	.40	3.50	25.00
8.2	**Mme. Gaudichau.** Brilliant dark red. Late	.50	4.00	.....
8.8	**Mons. Martin Cahuzac.** Dark purple-garnet with black reflex	.60	5.00	.....
8.6	**Officinalis Rubra Plena.** Old-fashioned red	.50	4.00	35.00
9.2	**Philippe Rivoire.** Brilliant crimson. Late	1.00	9.00	75.00
8.8	**Richard Carvel.** Very early, deep red	.40	3.00	25.00
	Tenuifolia Flora Plena. (Double Fern-leaf Peony.) Brilliant dark crimson. Very early	1.25	10.00	.....

JAPANESE-FLOWERED PEONIES

9.2	**Ama-No-Sode.** Bright-rose, shading lighter toward the edge of the petals; similar to Tamatbako	1.00	9.00	75.00
8.2	**Flashlight.** Pale Tyrian rose with dull golden center	1.00	9.00	.....
9.2	**Fuyajo.** Rich dark maroon guards	.60	5.00	.....
8.2	**Gold Mine.** Petals deep rose; deep gold center	.40	3.50	30.00
9.3	**Isani Gidui.** Large pure white with buff-yellow center	2.50	.....	.....
8.6	**Mikado.** Guards velvety crimson, forming a cup enclosing a filigree cushion of crimson petaloids; edged and tipped gold	.40	3.50	.....
	Ruigegno. Clear red with golden petaloids	1.00	9.00	.....
8.0	**Torpilleur.** Guard petals lively purplish-carmine; central filamentous petals of same tint but streaked and tipped with yellow	.60	5.00	40.00

SINGLE PEONIES

Unusually fine for Landscape Work

	Fusyama. Soft-colored flesh-pink	.40	3.00	25.00
8.4	**La Fiancee.** Pure white	.40	3.50	30.00
8.1	**L'Etincelante.** Very broad petals of bright carmine with silvery border; golden stamens	.60	5.00	.....
	Nymphe. Large flowers of bright flesh pink, golden stamens	.50	4.00	
	Perle Rose. Delicate China pink, with silvery edge	.30	2.50	.....
7.3	**Veloutine.** Large single cup-shaped flower, like a tulip; Tyrian purple with velvety reflex	.30	2.00	15.00
7.6	**Vesuve.** Dark red	.40	3.00	.. ..

UN-NAMED PEONIES—Divided Roots of from 3 to 5 Eyes

	Each	10	100
Double Pink	$0.15	$1.00	$ 8.00
Double White	.15	1.20	9.00
Double Red	.20	1.25	10.00
Double Mixed	.15	1.00	6.00

3 to 5 Eye Divisions

CASE LOT No. 1
(value $18.00)
for $15.00

75 Unnamed dbl. Pink
50 " " White
75 " " Red

The above 200 roots, for $15.00.

CASE LOT No. 2
(value $26.25)
for $22.50

75 Edulis Superba
50 Mad. de Verneville
75 Felix Crousse

The above 200 roots, for $22.50.

CASE LOT No. 3
(value $36.25)
for $32.00

50 Baroness Schroeder
75 Sarah Bernhardt
75 Karl Rosefield

The above 200 roots for $32.00.

Rubber Hose, Sprinklers and Moss

VAUGHAN'S FLORIST GUARANTEED HOSE

These prices are subject to change without notice.

A brand of hose manufactured especially for greenhouse use. Molded hose of highest quality; thick, sturdy hose wall and two braids of heavy cord, make it suitable for use by florists. Comes in bales of 500 feet; order exact number of feet you require. We can cut in any length.

Guarantee—We guarantee Florist Hose against all defects in quality or workmanship for the period of one year. This guarantee does not cover improper handling or abuse. We are headquarters and can meet competition.

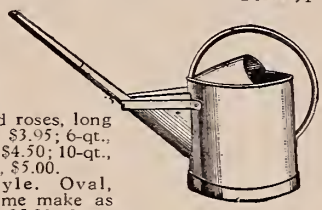
25 to 49 feet...per ft. 18c 50 to 99 feet.....per ft. 17½c 100 to 400 feet..per ft. 17c In bales of 500 ft. per ft. 16c.

CORRUGATED HOSE. High grade molded hose suitable for use by florists and contractors on golf greens, in cemeteries, public parks and large estates. Price, 50 to 100 feet, 12c ft.; 100 to 500 feet, 11½c ft.

Price ¾ or ½-inch Couplings, 15c per set; sample mailed free if desired.

WATERING POTS. American. Heavy galvanized round can, 2 copper-faced roses, long spout. 4-qt., $3.95; 6-qt., $4.25; 8-qt., $4.50; 10-qt., $4.75; 12-qt., $5.00.

French Style. Oval, otherwise same make as above 6-qt., $5.00; 8-qt., $5.25; 10-qt., $5.50; 12-qt., $5.85.

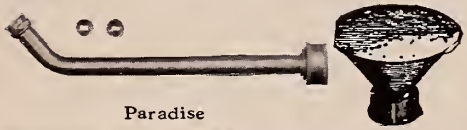


French Style

HOSE NOZZLES. "Chicago"—Covers more space than any other hand-watering device. Made entirely of aluminum, except removable perforated plate of heavy sheet brass. Two plates, each 3¾ inches in diameter about 100 very fine holes in each, giving both fine and coarse effective sprays. Florists like it. Price, $3.00.

Paradise Syringing Nozzle. 10-inch, each, $2.50; 18-inch, each, $3.00; extra tips, each, 35c.

Boston Rose Spray Nozzle. Brass. ¾-inch hose. State whether coarse or fine spray is wanted Each, $1.25; by mail, $1.35.



Paradise

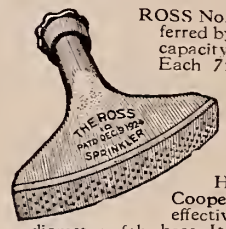
HOSE COUPLING, Ever-Tight. No more waste of time, just press the lever, instant tight connection a great time saver, a coupling that every greenhouse should be equipped with. Price, complete, 45c; doz., $4.80.

HOSE WASHERS. ¾-inch. Doz., 5c; gross, 50c.

PERFECT CLINCHING HOSE COUPLER. ¾-inch. Per pair, 20c; pr doz., $2.00.

PERFECT CLINCHING HOSE MENDER. Each 10c; doz., 70c.

"Gem"—Throwing all variations, from fine spray to stream. Each, 65c; doz, $6.60.



ROSS No. 10 SPRINKLER. Is preferred by growers and home owners capacity seven gallons per minute Each 75c; doz. $7 50

HOSE MENDER, The Cooper. It is simple, practical and effective. It does not reduce the diameter of the hose. It will not rust or wear out It can be used as many times as desired You need no mechanical skill to adjust them. Price For ½- or ¾-inch hose, each 10c; 4 for 35c; doz. 80c 1-inch hose, each, 15c; doz. $1.10.

SPHAGNUM MOSS

Bright, Clean, New Growth, Free from Brush or Grass

THE BEST GRADE OF SPHAGNUM

is being worked out in Wisconsin districts. Choice dependable quality is worth more money than last year. We quote L. C. L. lots as follows:

For carloads write us.

BURLAPPED BALES. (45x14x16 inches) F. O. B. Wisconsin Points. 10-bale lots, per bale, 80c; 25-bale lots, per bale, 75c. Write for price on moss in large quantities F. O. B. Woods.

BURLAPPED BALES. (Size as above) F. O. B. CHICAGO. Single bale, $1.10; 5 bales, $5.00; 25 bales, $22.50. Write for price on larger quantities. New York Prices, 35 cents per bale higher. Cartage free.

GREEN SHEET MOSS. For windows, baskets, etc. Per sack, $1.35; 5 sacks, $6.25

Vaughan's High-Grade Fertilizers

The highest grade only. Guaranteed analysis. Prices net cash and subject to market fluctuations.

Prices for Florists F. O. B. New York.

SUPERPHOSPHATE. 20% bone phosphate in the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. **Price, 25 lbs., 80c; 50 lbs., $1.10; 100 lbs., $2.00; 500 lbs., $8.25; 1,000 lbs., $15.00; 2,000 lbs., $27.50.**

BONE AND BLOOD. For garden crops use 500 lbs. per acre. **Price, 25 lbs., $1.15; 50 lbs., $1.85; 100 lbs., $3.25; 500 lbs., $16.00; 1,000 lbs., $30.00; 2,000 lbs., $58.00.**

BONE, BLOOD AND POTASH (Analysis) 5-8-7

Excellent for mixing into potting soil or as a top dressing. Use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. **25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.25; 1,000 lbs., $23.00; 2,000 lbs., $45.00.**

BONE MEAL—VAUGHAN'S ROSE GROWER

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. It is made from bone accumulated in large slaughter houses. Analysis: Nitrogen 3.7 per cent; total phosphoric acid, 20 per cent; available phosphoric acid, 9 per cent. **Price, 5 lbs., 50c; 10 lbs., 95c; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.25; 500 lbs., $15.00; 1,000 lbs., $28.00; 2,000 lbs., $54.00.**

REGULAR BONE MEAL. 25 lbs., $1.10; 50 lbs., $1.80; 100 lbs., $2.85; 500 lbs., $14.50. 1,000 lbs., $27.00; 2,000 lbs., $52.00.

DRIED BLOOD For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants. **Price, 25 lbs., $1.75; 50 lbs., $2.50; 100 lbs., $4.45; 500 lbs., $22.00; 1,000 lbs., $42.50; ton, $83.00.**

FLORANID UREA A highly concentrated organic fertilizer containing 46 per cent available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees; 92 times stronger than manure. **Price, lb. can, 25c; 5 lbs., 90c; 10 lbs., $1.50; 25 lbs., $2.75; 50 lbs. $4.00.**

FAIRWAY GRASS FOOD. Compounded for feeding grasses and for no other purpose; recommended by leading turf specialists for use on lawns, golf courses and parkways. **Price, 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00; per ton delivered, $65.00.**

Write for qauntity prices.

LOMA. A well balanced plant food for all plants. Price, 1-lb. pkgs., 24 in case, per case, $1.44; 5-lb. carton, 12 in a case, per case, $3.48; 10-lb. bags, packed, 10 in a jute sack, per sack, $5.60; 25-lb. bags, 4 in a sack, per sack, $4.00; 50-lb. bags, 2 bags to a sack, per sack, $3.40; 100-lb. bags, $2.75 (300 lbs. or over Freight Prepaid). Prices slightly higher in New England States.

HARDWOOD ASHES. (Imported). A fall lawn dressing. Insures, a thrifty growth and dark color. **Price, 25 lbs., 90c; 50 lbs., $1.65; 100 lbs., $2.75; 500 lbs., $13.00; 1,000 lbs., $22.00; 2,000 lbs., $42.00.**

HORN SHAVINGS 50 lbs., $2.75; 100 lbs., $4.00; 500 lbs., $19.00.

NITRATE OF SODA or Chili Saltpeter Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must furnish the plant with Nitrogen. **Price (subject to market changes), 25 lbs., $1.40; 50 lbs., $2.10; 100 lbs., $3.00; 1,000 lbs., $28.00. Write for prices on larger quantities.**

WIZARD BRAND SHEEP MANURE

This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. **Price, 25 lbs., 90c; 50 lbs., $1.65; 100 lbs., $2.15; 500 lbs., $11.50; 1,000 lbs., $21.00; 2,000 lbs., $40.00.**

SCOTCH SOOT. (Genuine Imported.) Gardeners know its value for dark green foliage, and freeing the soil from slugs, grubs and cut worms. **Price, 25 lbs., $1.50; 50 lbs., $2.60; 100 lbs., $3.50; 500 lbs., $17.00; 1000 lbs., $32.50.**

SHREDDED CATTLE MANURE. An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process, from selected fresh cleanings from cattle pens. **Price, 100 lbs., $2.50; 500 lbs., $13.50; 1,000 lbs., $23.00; 2,000 lbs., $44.00.**

CLAY'S FERTILIZER. It should be used as top dressing. **Price, 7 lbs., $1.25; 14 lbs., $2.00; 28 lbs., $2.85; 56 lbs., $5.00; 112 lbs., $9.25.**

POULTRY MANURE. 100 lbs., $3.00; 500 lbs., $14.50; 1,000 lbs. $25.00; 2,000, lbs., $45.00.

VIGORO. It contains all elements plants need for healthy growth, because it is a complete plant diet. A good seller. **Price, 100-lb. bag, $2.75; 50-lb. bag, $1.70; 25-lb. bag, $1.00; 10-lb. pkg., 6 to a case, $3.36; 5-lb. pkg., 14 to a case, $4.06; 1-lb. pkg., 32 to a case, $1.92.**

IMPORTANT. **The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.**

We are not responsible for loss of weight, due to evaporation, of imported fertilizers.

Wire, Stakes and Supplies

PLANT STAKES—A FULL LINE

CANE STAKES

Standard Grade. These run from 6 to 8 feet in length and weigh about 120 to 130 pounds per 1000. Price (if shipped from Chicago), per 100, $1.10; 500 for $4.75; per 1,000, $8.50. (If shipped from New York), per 100, $1.50; 500 for $6.00; per 1,000, $10.50. Special price on larger lots on application.

Heavier Grade. 8 to 11 ft., 100, $2.50; 500, $9.25; 1,000, $17.50. If shipped from New York, 100, $2.95; 500, $10.50; 1,000, $19.75.

Japanese Bamboo Stakes, Plain and Green Painted.

	F.O.B. Chicago		Per Bale of	F.O.B. New York	
Green.	Per 100	Per 1000	2000	Per 100	Per 1000
1½ feet...	$0.40	$2.25	$3.00	$0.40	$1.95
2 feet...	.60	2.75	4.00	.50	2.45
2½ feet...	.70	3.25	5.00	.60	2 95
3 feet...	.85	3.65	6.00	.75	3.45
3½ feet...	1.00	4.75	7.00	.90	4.25
4 feet...	1.10	5.50	8.50	1.00	5.00
Natural.					
6 feet...	1.25	8.25	....	1.10	7.75

Write for price in bale lots.

Pipe Stems, 4 to 6 ft. long, weight, per 1,000, 54 lbs. F.O.B. Chicago, 100 for 95c; 500, $3.25; 1,000, $6.00.

Write for price on Green Painted light and heavy wood stakes.

Heavy Chinese Tonkin Stakes, Natural Colors. Heavy weight bamboo. Entire stake same weight, do not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Last a lifetime.

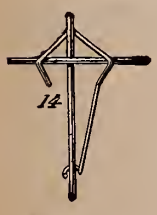
Length	Diameter	F.O.B. New York Per 100	F.O.B. Chicago Per 100
4 ft.	½ to ⅝ inch.....	$2.65	$2.95
4 ft.	⅝ to ¾ inch.....	3.40	3.95
5 ft.	⅝ to ¾ inch.....	3.65	4.25
6 ft.	⅝ to ¾ inch.....	4.25	4.75
8 ft.	⅞ to ¾ inch.....	4.95	5.75

Galvanized Steel Wire Stakes. Far superior to wooden stakes and practically indestructible. We supply largest buyers. Price subject to change without notice. We can also supply 12-gauge stakes, write us for price on quantities, delivered to your nearest freight depot.

	No. of Gauge— No. 9 Wire			No. 8 Wire		
	Per 100	Per 500	Per 1000	Per 100	Per 500	Per 1000
3 ft...	$1.45	$ 6.50	$11.50	$1.75	$ 8.75	$13.40
4 ft...	1.70	7.75	13.90	2.10	9.25	16.50
5 ft...	2.10	9.95	18.00	2.50	12.45	21.00
6 ft...	2.45	11.45	21.50	3.15	15.75	24.95

PLANT TIES, Lighting Wire. Per box of 1000, $2.00; 5 or more boxes, $1.90 per box. Shipping weight per box, 2 lbs.

CLIP, Blake's New Loop Lever. For roses, mums, etc., up-to-the-minute stake holders; holds stakes with firm grip. Loop clips allow you to remove and replace any stake any time. They never slip and are a great saving in time and money. Price, $2.00 per 1,000. Samples mailed free.



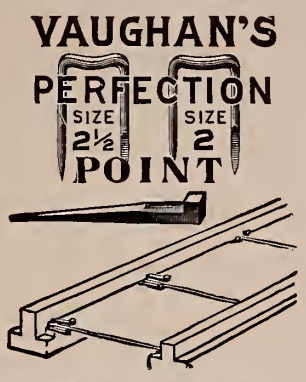
STAKE FASTENERS. Everlasting, packed 500 to a box, per box, $1.35; 10 boxes or more, $1.20 each.

MASTICA, For Glazing Greenhouses
The use of "Mastica" avoids the necessity of repeatedly reglazing the houses, saving much time and expense. Broken glass can be easily removed and replaced by new without the breakage of other glass, which usually occurs with hard putty. One gallon will cover about 290 running feet (one side). Price, per gal., $2.45; 5 gals., $11.75; 10 gals., $23.00.

VAUGHAN'S GREENHOUSE BULBING CEMENT. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20 gallon drums, per gal., 95c; 10 and 5 gal. drums, per gal., $1.25; 1-gal. can, $1.50. Glazing gun gratis with 60 or 40 gal. drum.

GARLANITE. The original white glazing compound. Price, 40 and 60 gals., $2.25 per gal.; kegs, 10 and 20 gals., $2.30 per gal.; 5 gal. cans, $2.40 gal.; 1 gal. cans $2.45 each.

PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, $1.35; 3 for $3.75; doz., $13.00; in three doz. lots, doz., $12.50; in six doz. lots, doz., $12.00. If by mail (weight under 1 lb.).



GLAZING POINTS, Vaughan's Perfection. No rights or lefts.

No. 2. For large single thick glass. No. 2½. Double thick, for greenhouses and skylights.

No. 2. **Price,** per lb. (about 900), 55c; in lots of 5 lbs., 50c per lb. No. 2½, per lb. (about 800), 55c; 5 lbs. at 50c per lb.

Write for prices in larger quantities.

SIEBERT'S IMPROVED. Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out when repairing greenhouse roof. Two sizes, ⅝ and ⅞-inch long, put up in 1 lb. packages. Over 1,500 points in 1-lb. pkg. of ⅝; over 1,000 points in 1-lb. pkg. of ⅞. Price, per lb., 50c; 5 lbs. $2.35; 20 lbs., $8.50.

FLOWER TUBS. "Richmond Style." These are made of best seasoned White Virginia Cedar, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Stamped steel handles are also supplied at an additional charge as below. Prices. F. O. B. Chicago or New York. Prices subject to change without notice.

	Inside Top Diameter	Depth Inside	Price, Each	Four for
No. 1	7 in.	6 in.	$0.55	$ 2.00
No. 3	8 in.	8 in.	.65	2.40
No. 5	10 in.	9 in.	.75	2.80
No. 7	12 in.	11 in.	1.00	3.00
No. 9	14 in.	13 in.	1.50	5.60
No. 11	16 in.	15 in.	1.70	6.40
No. 13	18 in.	17 in.	2.50	9.60
No. 14	19 in.	18 in.	2.95	11.40

If handles are required, add 35c per tub.

GALVANIZED VASES

A Good Variety of Sizes in These Flower Vases. And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red.

Style	Diameter Top	Bottom	Height	Price, Per Doz.
253	4¾ in.	3½ in.	10 in.	$4.20
255	6½ in.	5¼ in.	12 in.	5.00
257	6½ in.	5¼ in.	15 in.	6.00
57	5 in.	3½ in.	5 in.	3.00
59	6½ in.	5½ in.	7 in.	4.50
65	7½ in.	6½ in.	8 in.	5.40
66	9 in.	7½ in.	10 in.	6.00
68	9 in.	7½ in.	12½ in.	7.80
69	9 in.	7½ in.	18 in.	9.50
70	9 in.	7½ in.	24 in.	10 50

WIRE. Bright Annealed.
(Prices subject to change.)

Per 12 lbs.		Per 12 lbs.	
No. 18.....	$1.25	No. 26.....	$1.95
No. 20.....	1.40	No. 28.....	2.25
No. 22.....	1.55	No. 36.....	3.75
No. 24.....	1.75		

FLORISTS' CUT WIRE.
Clean, extra soft white wire, cut in 12 or 18-inch lengths, 12 lbs. to box.

No.	18	20	21	22	24	26
Price...	$1.30	$1.40	$1.55	$1.65	$2.35	$2.85

Suction Flower Holders. Made of metal, round shape, with square wire mesh dome, finished in green bronze with rubber vacuum cup in bottom which prevents tilting over when long-stem flowers are used. No florist should be without these wonderful sellers.

SUCTION FLOWER HOLDERS.

Diameter	Per Doz
3-inch.....	$3.00
4-inch.....	4.00
5-inch.....	5 00

CHIFFON, All Shades. In bolts of 40 to 45 yards We do not sell less than a bolt of a shade. Four-inch, per yard, 5c; 6-inch, per yard, 6c.

Valley Pattern Chiffon. Pink and white 6-inch, per yard, 7c.

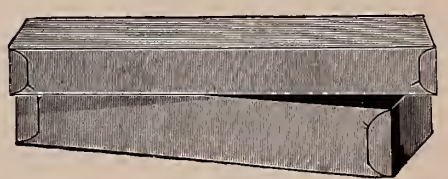
Dotted Chiffon, All Shades. In bolts of 40 to 45 yards. Sold only in original bolts. 4-inch, per yard, 6c; 6-inch, per yard, 7c.

Metaline. Has a bright metallic lustre. Width 6 inches, for baskets, bouquets, and funeral work. We carry a stock of all colors, 40 yards to a bolt. Per Bolt $1.20; 6 Bolts $1.15 per Bolt.

No. 1 Baby Ribbon. Any color. Spool of 50 yds., 60c; doz., $6.50.

Corsage Pins. 4-inch, assorted colors. Per gross, $1.50.

Corsage Ties (Cord and Tassels). Per doz., 65c; per gross, $6.50.



CUT-FLOWER BOXES

Printing any single color. Per 1,000, $2.50.
Printing gold or silver. Per 1,000, $4.00.
When ordering printed boxes, allow a week or ten days extra for delivery.

VAUGHAN'S "GREEN" GRADE. Fine, green-lined, moisture-proof board. Very popular.

Shallow Lid. Size in inches	Per 25	Weight Per 100	Per 100
18 x 5x3.....	$1.25	30 lbs.	$3.85
3 x21x5.....	1.35	40 lbs.	4.25
3½x24x5.....	1.50	50 lbs.	4.75
3½x30x5.....	1.85	65 lbs.	5.75
5 x24x8.....	2.45	70 lbs.	7.50
5 x28x8.....	2.65	90 lbs.	7.75
5 x36x8.....	3.35	125 lbs.	10.75
5 x42x8.....	4.35	165 lbs.	14.95

FLORAL DESIGN BOXES. Mist gray. Full telescope.

	Per 25	Per 100
No. 25 6x30x10.....	$4.75	$15.00
No. 26 8x36x14.....	7.25	23.95
No. 27 8x20x20.....	7.50	24.50
No. 28 8x24x24.....	8.50	28.50

Packed 25 complete per bundle.

CORSAGE BOXES. Mist Gray.

100		100	
10x6x5½, 30 lbs.	$4.35	12x8x5½, 45 lbs.	$5.45

Write for Special Discounts on quantity orders.

TISSUE, American Beauty. 24x36 inches, F.O.B. New York, ream (480 sheets), $1.30; 10 reams (4800 sheets), $11.00. F.O.B. Chicago, ream (480 sheets), $1.25; 10 reams (4,800 sheets), $10.00.

TIN FOIL. Price subject to change without notice. Terms cash.
Florists' Foil. 5, 6 or 7-inch, 1 lb., 25c; 10 lbs., $1.95; 25 lbs., $4.50; 50 lbs., $8.50,
Violet or Green Foil. Per lb., 45c; 45 lbs. $4.00

Insecticides and Fungicides

Add Postage According to Weight and Zone (See Order Blank).

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

ANTROL ANT POWDER. Kills ants, roaches, silverfish and other pests. Packed in handy shaker twist-top can. Each, 15c; doz., $1.20.

ANSUL FORMALDEHYDE DUST. Control "Damping off" of flower and vegetable seedlings. Price, 1 lb., 75c; 5 lbs., $2.00; 25 lbs., $5.50; 50 lbs., $9.00.

ANT EXTERMINATOR. Non-poisonous powder which, if scattered about their haunts or runs, will kill or drive away ants from lawns, etc. (We do not send this outside of Illinois and New York.) Per box, 40c; smaller size, 25c; by mail, 5c extra.

APHINE. ½ pt., 40c; pt., 75c; 1 qt., $1.10; 1 gal., $3.00.

ARSENATE OF LEAD. (Dry.) For dusting and spraying. 1 lb., 30c; doz., $2.64; case of 48 lbs., $6.24; 100 lbs., $13.00.

BLACK ARROW DUST. A non-poisonous pyrethrum dust, effective against many insects. Price, 1 lb., 50c; Doz., $4.20; 10 lbs., $2.85; 25 lbs., $6.38; 50 lbs., $11.50; 100 lbs., $21.50.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, blight, leaf curl, scab or other fungoid diseases on fruits and plants. 1 lb. will make 5 gallons liquid. Lb., 30c; doz., $2.60; 4 lbs., 70c; case of 48 lbs., $7 00.

CALO-GREEN. For control of neck rot or scab on gladiolus. Per lb., $2.25; 5 lbs. $10.00. Write for price on larger quantities.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 50c; ¼ lb., 25c. Doz., $2.25.

CALCIUM, ARSENATE. (Dry.) Lb., 30c; 4 lbs., 80c.

CUPROCIDE 54. Fungicide plant spray. Price per 3 lbs., bag, $1.15.

CUPROCIDE RED COPPER OXIDE. Use for dusting seeds to insure germination and prevent damping off. May be used as a spray for mildew. 1 lb., 90c; 5 lbs., $3.75; 20 lbs., $14.00.

CYANOGAS "A" GRADE. For moles, rats, gophers, and other ground rodents. (By express only.) ½ lb., doz., $3.60; 1 lb., doz., $6.00; 5 lbs., each, $3.00. 4-oz. tins for ants, doz., $2.40.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphis, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. (By express only.) 5 lbs., $3.00; 25 lbs., $10.00; 100 lbs., $25.00. Write for leaflet.

DERRISOL. Is an odorless non-poisonous liquid, which will control sucking insects like aphis, thrips, leaf hoppers and red spiders, also controls currant worms and other leaf-eating larvae. Oz., 35c; doz., $2.70; 8 oz., $1.20; 2 lbs., $3.00; 10 lbs., $12.00.

DEVIL DUST for Rigid formerly **Lutzite.** The one dust that does triple duty. 1 lb. tins, ea., 50c; doz., $4.20; 10 lb. tin, $3.25; 25 lb. drum, $7.00; 50 lb. drum, $12.50; 100 lb. drum, $24.00.

DOGZOFF. Keep dogs and other animals away from trees, shrubs, evergreens, etc. Bottle, 60c; doz., $4.80; gross, $46.08.

DRY LIME SULPHUR. For dormant spray use 12 to 15 lbs. to each 50 gals. of water. For summer spray, 3 to 4 lbs. to each 50 gals. of water. Lb., 35c; doz., $3.00; 5 lbs., $1.50; 25 lbs., $4.50; 100 lbs., $11.50.

FISH-OIL SOAP. Standard wash for trees and plants where insects and eggs affect the bark. Lb., 30c; doz., $2.50; 5 lbs., 95c; 10 lbs., $1.85.

FLOWERS OF SULPHUR. Dusting grade. Lb., 15c; 10 lbs., $1.00; 50 lbs., $2.25; 100 lbs., $3.65.

FUME TOBAC. 25 lb., drum, $5.00; 50 lb., drum, $8.00; 100 lb., drum, $15.00.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pint, 60c; 1 qt., $1.00; gal., $3.00.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. 1 lb., 35c; 5 lbs., $1.25; 10 lbs., $2.25.

GRASSELI S. S. 3 COMBINED SPREADER AND STICKER. Designed especially for use with agricultural sprays. Price, pt., 75c; gal., $4.75.

HELLEBORE POWDERED, White. Less poisonous than Paris Green and safer to use when fruit and vegetables are nearly ripe. Per ¼ lb., 20c; ½ lb., 35c; lb., 60c; 5 lbs., $2.25; 10 lbs., $4.00.

LEMON OIL. Destroys mealy bug, scale, red spider. ½ pt., 30c; pt., 50c; qt., 75c; ½ gal., $1.50; gal., $2.50; 5 gals., $10.00.

LETHANE-440. A very effective insecticide for controlling red spider and mealy bug. Qt., $3.00; gal., $8.50; 5 gals., $35.00; 10 gals., $60.00.

LETHANE SPREADER. Gal., $1.50; 5 gal. can, $6.50.

LORO. A new contact insecticide for controlling aphids, thrips, red spiders, etc. Pint, $2.00; gal., $10.50; 5 gals. $45.00.

NAPTHALINE FLAKES. 10 lbs., $1.35; 25 lbs., $3.25.

NAPTOCIDE. New plant and bulb fumigant; effective against thrips, wood-lice, sow bugs, wire worms, etc. 5 lbs., $1.35; 25 lbs., $4.35; 50 lbs., $7.25; 100 lbs., $13.75.

"NICO-FUME." A Tobacco Paper for Fumigating. Strips of paper strongly saturated with Nicotine. Use 4 to 6 sheets for ordinary house 100 ft. long by 20 ft. wide. Price, 24 sheets, $1.25; 144 sheets, $4.50; 288 sheets, $8.00.

Items You Can Sell

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ACME ALL-ROUND SPRAY. A combination insecticide and fungicide to control sucking and chewing insects. Will combat blight and fungus diseases. ¼ lb. cans, doz., $3.00; 1-lb. cans, doz., $6.60.

ACME ROTENONE Garden Gaurd. ¾% Rotenone dust. 1 lb. shaker top cans, doz., $2.64; case of 24, $5.04; 4 lbs. bags, 6 to a case, per case, $2.28; 25 lb. bags, 9½c lb.; 100 lb. bags, 8½c lb.

ANTROL ANT TRAPS. Kill both sweet and grease eating ants. Packed 12 in a display carton, retail at 15c each; carton of 12 traps, $1.20.

ANTROL READY FILLED SETS Consisting of 4 patented glass feeders. Per doz. sets, $3.20. Retails at 40c set. Packed in a strong display carton.

ANTROL SETS for exterminating ants in lawn, garden, and flower beds. Containing 4 jars and 4 oz. bottle antrol syrup. Per doz. sets, $6.00. Retails at 75c set.

APHIS SPRAY. A combination o fBlack Leaf 40 and Fish Oil Soap. Per doz 3-oz. tubes, $2.70. Retails at 35c per tube.

BLACK LEAF 40. Oz. bottles, doz., $2.67; carton of 24, $5.30; 5-oz. bottles, doz., $8.00; 1 lb., $2.00 ea.; 2 lbs., $3.00 ea.; 5 lbs., $5.75 ea.; 10 lbs., $9.75 ea.

BUG GUN. A good seller for the rctail counter. Complete with Rotenone dust. Each 35c. Packed 24 to the case, per case, $5.60; size 2½ in. diam. by 12½ in. extended. Doz. $3.00.

DAWG-GONE. Protects evergreens from dogs. Per doz. tubes, $2.00. Retails for $3.00.

MULTICIDE. Replaces New Evergreen. Killing power multiplied kills more insects, made especially for commercial growers, makes one spraying do the work of several. Qt., $2.50; gal., $9.50; 5 gal., $42.50; 10 gals., $82.00; 30-gal. drums at $7.15 per gal.

NEW EVERGREEN ASSORTMENT. 1 oz. bottle, 35c; doz., $2.70; 6 oz. bottle, $1.00; doz., $8.00; pint, $2.00; gal., $9.50; 5 gals., $42.50.

NICOTINE PYROX. 10-oz. tins, doz., $4.20; carton of 24, $7.84; 5 lbs., $1.50; case of 12, $14.00; 10 lb. case of 6, $12.00.

PYROTE. Double acting non-poisonous insect spray. 1 oz. bottles, 12 to a display carton price, $2.75; 6 oz. bottles, 12 to a display carton price, $8.00; gal. $11.00.

RATKISSES. Put up on easel card holding 12—25c pkgs., containing 12 ratkisses each. Price, per card, $2.00; six or more cards at $1.80 per card.

RED ARROW Assortment for resale. Per carton of 24 oz. bottles and 2 ¼-pint bottles, price, $5.40. Retails for $10.40. Pint, $2.00; qt., $3.20; gal., $9.70; case of 6 1 gal., cans, $55.50.

ROTECIDE. Standard rotenone spray. Oz. bottles, doz., $2.70; per pint, $1.75; qt., $3.00; gal., $8.00; 5 gals., $35.00; 15 gals., $95.00.

SLUG SHOT. Hammond's. An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for $1.95; 5-lb. pkgs., 6 for $3.60; 125 lb. keg, $12.50; 250 lbs. in bulk, $24.00.

TREE TANGLEFOOT. 6 oz., doz., $3.00; case of 24 cans $5.60; 1-lb. cans, per doz., $5.80; per case of 24, $11.20; 5-lb. can, $2.45; case of 6 $13.20; 10 lbs., $4.50 each; case of 4 cans $16.80; 25 lbs., $9.50 each

NICO-FUME LIQUID. For fumigating or spraying; contains 40 per cent nicotine. 1 lb., $2.25; 4 lbs. $5.75; 8 lbs., $10.00; 40 lbs., $40.00.

NICO-ROTE. A combination of Nicotine and Rotenone. Kills by contact and fumes. Qt., $4.00; gal., $12.00.

NICOTINE. Fumigating powder. 10 lb. cans, $5.85.

NICO FUME PRESSURE FUMIGATOR. Put up in ½ lb. and 1 lb. cans, powder is now burned under pressure giving better control of insects. The cans have a sparkler for lighting the powder. ½ lb. cans, 45c; six for $2.40; Doz., $4.20; 1 lb. cans, 75c; six for $3.75; doz., $7.00. Orders for 36 1 lb. cans or 60 ½ lb. cans prepaid by freight in United States and many parts of Canada. Also on a combined shipment of both sizes in full case lots weighing a total of not less than 50 lbs.

NICO-FUME POWDER FUMIGATOR. Lights quickly, burns evenly and will not go out. No waste; every particle is consumed. It retains its strength indefinitely. 5-lb. tin, $3.35; 10-lb. tin, $5.85.

NIKOTEEN. 30% grade. For Spraying and Fumigating. Oz. bottle, 35c; Doz., $2.50; ½ pt., $1.00; pt., $1.75; 3 pts., $5.00; original case 10 pts., $16.00. 40% grade, 4 lbs., $5.75; 8 lbs., $10.00.

NU-GREEN. A remedy for brown patch control in creeping bent lawns. 3 oz., tins each, 35c; doz., $3.00; carton of 36 tins, $8.40; 1 lb. tins, each, $1.45. doz., $11.50; 5 lbs. each, $6.30; case of 6 tins, $28.20; Write for price on larger containers.

PARIS GREEN. A poisonous insecticide in powder form; for insects which chew. ¼ lb., 15c; Doz., $1.50, per lb., 45c; doz. $4.50; 5 lbs., $1.95; 14 lbs., $4.95.

PENETROL. An activator for nicotine spraying solutions. Qt., 75c; gal., $1.75; 5 gals., $6.75.

PINE TAR. For tree surgery. Per qt., 60c; gal., $1.25.

POMO GREEN. Without nicotine. The new green Fungicide for roses and other flowers and ornamentals; will control black spot, mildew and chewing insects. Lb., 50c; doz., $4.00; 5 lbs., $1.75; 25 lbs., $8.00.

POMO GREEN. With nicotine. 1 lb., 75c; doz., $6.00; 5 lbs., $3.00.

PYRETHRUM POWDER. Per 1 lb., 75c; 5 lbs., $3.00; 10 lbs., $5.00; 25 lbs.; $12.00. Write for price on larger quantities.

RESPIRATORS. For mild fumigating and dusting. Each $1.75; 3 for $4.95.

SELOCIDE. Kills red spiders. Gal., $3.00; 5 gals., $13.50; 10 gals., $24.50; 30 gals., $58 50; 50 gals., $86.50.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. Prices, 2 oz., 35c; Doz., $3.00; 1 lb., $2.25; 5 lbs., $9.90; 25 lbs., $45.50; 100 lbs., $180.00. Write for leaflets, stating for what purpose desired.
Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SNAROL. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. Price, 1½ lb., 35c; doz., $2.80; 4 lbs., 85c; doz., $6.80; 15 lbs., $3.00; doz., $24.00; 50 lbs., $5.33.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 35c; 10 lbs., 65c; 25 lbs., $1.00; 100 lbs., $2.75.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Per pt., 65c; qt., $1.25; gal., $4.80.

TOBACCO DUST. (Regular Grade.) 10 lbs., 50c; 25 lbs., 90c; 100 lbs., $2.95.

TOBACCO STEMS. 100 lbs., $2.50; 500 lbs., $9.50; 1,000 lbs., $18.00.

TRI-OGEN. Fungicide insecticide and plant stimulant. A, small kit makes 16 qts., $1.50. B, medium kit makes 64 qts., $4.00. C, large kit makes 32 gallons, $6.00. D, estate kit makes 128 gallons, $20.00.

VERMINE. For eel, cut worms and wire worms, working in the soil. Can be applied to all vegetation. ½ pt., 40c; pt., 75c; qt., $1.10; gal., $3.00.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphis and thrips. Qt., 75c; gal., $2.00; 5 gals., $6.25; 14 gal. drum $14.00; 28 gal. drum $25.00; 54 gal. drum, $43.00.

WILSON'S O. K. PLANT SPRAY. A powerful yet harmless and efficient insecticide for aphis, red spider, mildew, scale, etc. Price, qt., $1.00; gal., $3.00; 5 gals. for $12.00.

Freesias CALIFORNIA GROWN

The very wet cold weather in California during January and February caused great damage to some of the fields. This may result in a shortage of the larger sizes so get your orders placed early.

Our Freesias bulbs are grown by specialists who know how to handle the stock from the time of planting until they are packed and shipped. Why take a chance of buying from such dealers that buy from growers who grow for "cut flowers" and do not give their bulbs the best of care in digging, curing and shipping.

WHITE CHIEF

(Early Giant White)

Brings 3 to 4 times the price of Purity on the Flower Markets. Stems average 18 to 30 inches long; single flowers 2½ inches long. Can be had in bloom first week in January. Forty-five to forty-eight degrees night temperature would bring out the good qualities to perfection. At the prices at which we offer this variety a grower should buy in quantity this year.

	Per 1,000		Per 1,000
½ to ⅝ in.	$ 7.50	¾ in. and up	$14.00
⅝ to ¾ in.	11.00		

PURITY—True Strain

	Per 1,000
½ to ⅝ in.	$ 6.00
⅝ to ¾ in.	11.00
¾ in. and up	15.00

Write for prices on large quantities.

Elder's Giant White

(Patented)

Much demand for the flowers on all markets because of the size and strong stems.

	Per 1,000		Per 1,000
½ to ⅝ in.	$10.00	¾ in. and up	$35.00
⅝ to ¾ in.	18.00		

Golden Daffodil

The yellow you must have with your planting of the White varieties. Color, clear, light yellow and orange blotch. Large flowers on strong, stiff stem.

	Per 1,000		Per 1,000
½ to ⅝ in.	$ 6.00	¾ in. and up	$15.00
⅝ to ¾ in.	10.00		

Apotheose

New. One of the best varieties, very large robust flowers, opening deep mauve-lilac, turning to bright carmine-pink; white throat, tall, rigid stems, extra.

	Per 1,000		Per 1,000
½ to ⅝ in.	$9.00	⅝ to ¾ in.	$16.00

Miss Blanche Blue

(Patented)

Deep blue, large, open flowers; tall, strong stems; long lateral stems making possible even third and fourth cuts; tall, deep-green leaves; a sturdy grower and easy forcer.

	Per 1,000
½ to ⅝ in.	$12.00
⅝ to ¾ in.	18.00

Marie Louise Violet

This variety is an unusually strong grower, with sturdy stems well above foliage and long laterals—The flower is large of a deep blue violet color, sometimes with a little touch of pink in it, which makes it very attractive.

	Per 1000		Per 1000
½ to ⅝	$16.00	⅝ to ¾	$20.00

Mrs. Marc Peters

A very attractive deep rosy salmon with lower petals blotched orange with yellow. Flowers are of good size and open up well. This variety is one of the earliest to bloom, giving it a special market value.

	Per 1,000		Per 1,000
½ to ⅝ in.	$13 00	¾ in. and up	$20.00
⅝ to ¾ in.	15.00		

Mia Marvin

A gigantic canary yellow with a heavy blotch of deep orange on the lower lip, which is very attractive. The spray is of great size on long, wiry stems. Without a doubt the finest yellow to date.

	Per 1,000
½ to ⅝ in.	$25.00

Rosy Morn

The color is a rosy-pink suffused with golden yellow at the base of each petal. Early bloomer. Stem is strong and wiry. The leaves upright and the blossom is of the open, round petal type.

	Per 1,000
½ to ⅝ in.	$12.00
⅝ to ¾ in.	18.00

FIELD OF VAUGHAN'S WHITE CHIEF

Red Ridinghood

(Patented)

A new and distinct color in Freesias; blood red, cadmium yellow throat with lines of blood red. Under average greenhous · conditions it will grow to a height of 33 inches. The growth is upright, stems rigid and each bulb produces from 3 to 4 laterals, which lengthens the season considerably. Good for Valentine's Day.

	Per 1 000
½ to ⅝ inch	$30.00
⅝ to ¾ inch	35.00
¾ inch and up	40.00

Ruth Chatterton

(Patented)

The color is distinctly new to Freesia, the upper portion of the petals, both inside and outside, are tyrian rose shading down the petals to tyrian pink. These colors being shot with delicate streaks of cadmium yellow in varying degrees becoming solid yellow down. into the perianth. The flowers and sprays are gigantic, four and five flowers open at one time. They are delicately perfumed and supported by long, heavy stems with two and three long laterals.

	Per 1,000
½ to ⅝ in.	$25.00
⅝ to ¾ in.	29.00
¾ in. and up	35.00

Sunset

An entirely new color in Freesias being a flame orange, reminding you of the glorious sunsets of California. This variety was the greatest attraction in the field during the flowering season.

	Per 1,000		Per 1,000
½ to ⅝ in.	$13.00	¾ in. and up	$20.00
⅝ to ¾ in.	15.00		

White Calla

(Aethiopica) Ready in September

Callas being natives of swampy regions grow to best advantage where there is an abundance of moisture, and are therefore very difficult to handle in the curing. Some growers practice **premature cutting off the tops,** expose bulbs to **the sun,** in order to make **early shipment.**

Our stock is **thoroughly cured in the ground** and **dried** thoroughly before they are packed. This means **later delivery** but better results can be obtained from such bulbs.

We caution forcers of Callas to water this stock sparingly after planting because Calla bulbs store up considerable moisture.

Size	Per 100	1,000
1¼-1½ inches	$ 4.75	$ 40.00
1½-1¾ inches	8.50	80 00
1¾ inches and up	14.00	135.00

Colchicum

Curious for their habit of blooming without soil. Fall blooming, excellent for retail sales.

	Per 100	1,000
Colchicum Autumnale Major. Light blue	$14.00	$135.00
Speciosum. Deep blue	19.00	185.00

Crocus

Autumn Flowering

Very fine for planting in Rock Gardens.

	Per 100	1,000
Speciosus. (Deep blue)	$2.50	$20.00
Zonatus. (Soft lilac)	2.50	20.00

Bulbs for Mid-Summer and Early Fall

ANEMONE

Anemones

One of the most showy flowers, good for cut flowers. They thrive in any soil except a very heavy clay. Set 10 inches apart, about ½ inch deep. Sunny location, plenty of moisture. **Special Mixed**, number one bulbs, per 100, $2.00; per 1,000, $18.00.

Anemone St. Brigid Irish Champions. The largest flowered strain of Anemones ever offered in the United States. Large, brilliant flowers in a wide variety of colors, over 90% full double. Number one bulbs, per 100, $3.00; per 1,000, $25.00.

True Lilium Harrisii

Grown for us by one of the most reliable growers.

We can supply Fairy Isle Strain at same price.

	Per Case F.O.B. Chicago	Per Case F.O.B. New York
6- 7-inch, 335 bulbs to case	$21.50	$20.00
7- 9-inch, 200 bulbs to case	21.50	20.00
8-10-inch, 150 bulbs to case	21.50	20.00
9-11-inch, 100 bulbs to case	21.50	20.00
11-13-inch, 50 bulbs to case	23.50	22.00

RANUNCULUS

Dutch Iris

	7-8 ctms. Per 1,000	8-9 ctms. Per, 1000
Adrian Backer. A beautiful, large flowering novelty of uniform lilac purple	$27.00	$35.00
A. Bloemaard. Standards dark purplish blue, falls lighter blue, very large flower, early	25.00	35.00
Celestial. Late blue	20.00	30.00
D. Haring. Early flowering. Standards greyish white, falls pure white, very large flower	22.00	30.00
Early Snow. Tall early white	22.00	35.00
Imperator (Filifolia). Deep blue. Good seller, one of the best of greenhouse growing	18.00	27.00
J. W. De Wilde. Uniform dark yellow, a novelty	30.00	.....
Leonardo Da Vinci. Standards creamy white, falls canary yellow with orange stripe, very large flower and early	22.00	30.00
Poggenbeeck. Uniform dark blue. An extra good variety	18.00	27.00
White Excelsior. Uniform pure white, falls very broad, very good form and substance, very early forcer	25.00	35.00
Yellow Queen. Standards pale yellow, falls golden yellow. Thin wiry stems, excellent for forcing or outside, the best medium priced yellow	30.00	.....

We can supply also bulbs of the 6-7 ctms size for outdoor planting. Write for special prices.

Tingitana Wedgewood. A seedling of the old favorite Tingitana that is just as early, but a much more reliable bloomer. Can be brought into flower in January, as it is the earliest of Iris. A great cut flower that has commanded enormous prices during the past few years. Light blue in color. 9-10 ctms., per 1,000, $45.00; 10 ctms and up, per 1,000, $55.00.

Leucocoryne Ixiodes Odorata

(Glory of the Sun)

Heads of large, fragrant flowers, blue with white center, carried gracefully on a wiry stem about eighteen inches tall. Culture same as freesias. This novelty has received much favorable comment, winning several European awards. Per doz. $1.25; per 100, $8.00.

Ranunculus

Bulbs are claw-like in shape and should be planted with claws downward two inches deep and ten inches apart. Soak bulbs in water 24 hours before planting.

	Per 100	1,000
Golden Glory. Bright yellow	$3.00	$25.00
Bonnie Lassie. Pinks	3.00	25.00
Sunset. Orange, terra cotta	3.00	25.00
Huntsman. Bright red	3.00	25.00
French Mixed	2.00	18.00
Victoria Hybrid Mixed, Special Strain	3.00	25.00

American-Grown Hardy Narcissi

Northwest-Grown Bulbs From Which No Flowers Have Been Cut

PRICES ACCORDING TO GROWERS AGREEMENT CODE

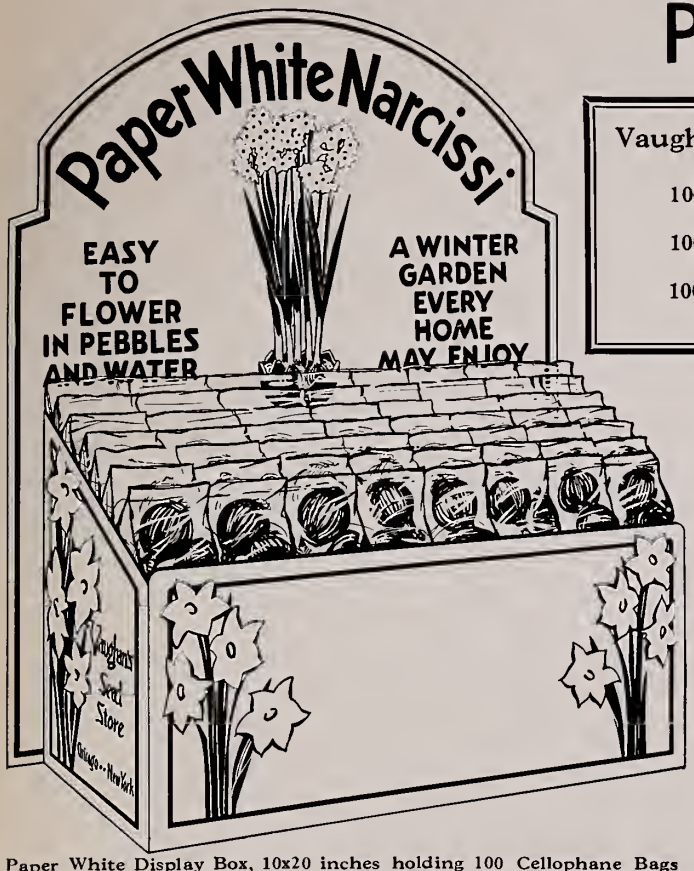
	Double Nose No.1 100	1,000
Emperor. Primrose perianth; deep yellow trumpet	$ 5.50	$51.00
Glory of Sassenheim. Enlarged Victoria bi-color	5.50	50.00
Golden Spur. Golden yellow; early; fine forcer	4.85	44.00
King Alfred. Golden yellow; very large frilled flowers	7.50	69.00
King Alfred. Special. D. N. No. 2	6.00	55.00
Laurens Koster. Poetaz. Pure white perianth, orange-yellow cup	4.85	44.00
Minister Talma. Large golden yellow, yellow trumpet	6.35	58.00
Olympia. Sulphur-yellow perianth, large yellow trumpet	7.25	66.50
Poeticus Ornatus. White and yellow	4.75	42.00
Sir Watkins. Incomparable sulphur petals, deep yellow cup	5.25	46.00
Spring Glory. Early. White petals, long chrome-yellow trumpet	5.50	50.00
Tresserve. Large yellow trumpet; yellow perianth	6.00	55.00
Van Waveren's Giant. Large bi-color; very popular	10.25	97.00
Victoria. Yellow trumpet, creamy white perianth	5.50	50.00
Von Sion (Double). Golden yellow	5.50	47.50

Narcissus Paper White Grandiflora

From our own imported planting stocks. Inspected by our bulb man in the field and at harvesting time.

Paper Whites. Write for Prices on 5 or More Cases.	100	1,000
12 ctms. Buy these to compete with chain store	$1.50	$10.00
13-14 ctms	2.00	15.00
14-15 ctms	2.40	19.00
15-16 ctms	3.00	25.00
Grand Soliel d'Or, yellow Paper White		
14-15 ctms	4.00	35.00
15-16 ctms	4.50	40.00
16-17 ctms	5.00	45.00

A Beautiful, Practical, New Paper White Display



Paper White Display Box, 10x20 inches holding 100 Cellophane Bags

Vaughan's Paper White Display Box as Illustrated, together with	
100 Cellophane Bags, each holding 3 bulbs, 13-14 ctm., (300 bulbs)	$ 5.50
100 Cellophane Bags, each holding 3 bulbs, 14-15 ctm., (300 bulbs)	7.50
100 Cellophane Bags, each holding 3 bulbs, 15-16 ctm., (300 bulbs)	9.00

EVERY customer who enters your store is a prospect for a sale of Paper White narcissus bulbs. Here is a carefully designed, thoroughly tested method of displaying and selling them at a minimum of trouble and expense and the maximum of profit.

Florists cannot afford to sell inferior bulbs. Vaughan's bulbs of 13-14 ctm. circumference and up are of flowering size and highest quality. Three bulbs are enclosed in a cellophane bag which permits complete inspection, but prevents picking over of the individual bulbs, injurious handling and resultant waste. Every bulb we ship you can be sold at a profit.

Our Paper White display box, specially reinforced, decorated in black, red and green, will harmonize with your store display and sell its contents. It occupies 10 by 20 inches space, and one filling provides $13 to $20 sales at 100% profit. Why let chain stores get sales which should be yours?

Double Your Money on Tulips Sold from this Attractive Dislpay

MERCHANDISING of bulbs by local dealers is rapidly growing. This business belongs to the florist, who can supply expert advice to purchasers. Profits are large; there is no spoilage; and the business harmonizes with the florist line, an important point. Our beautiful display box will be an ornament in any flower shop.

Vaughan's ten-compartment display box, staunchly made of 100 point cardboard printed in brilliant colors, will hold 500 bulbs, 50 each of ten varieties.

This beautiful display box, with 500 First Size May-flowering tulips, 50 each of ten named varieties, separately bagged, $13.50; 1,000 Second Size May-flowering Tulips, 100 each of ten named varieties, separately bagged, and display box, $22.50, f. o. b. Chicago or New York.

The varieties in this collection are the most popular: Bartigon, Clara Butt, Grenadier, Inglescombe Yellow, Mad. Krelage, Orange King, Philippe de Commines, Pride of Haarlem. F. Sanders, Rev. Ewbank, You retail them for 65 cents per dozen, and your profit equals your investment. After the display box and first collection have been bought, refill orders will be accepted for $13.00 for 500 bulbs, 50 each of the same 10 varieties, in bags of 50; or $25.50 for 1 000 bulbs, 100 each of the same ten varieties, 50 in the bag. As each compartment in the box holds easily 50 bulbs, it is convenient to transfer the entire bagful to the proper bin when the latter is empty. This prevents mixtures and loss of bulbs.

Tulip Display Box Holding 500 Bulbs, 50 each of 10 Named Varieties

Counter Space Needed, 13x29 Inches.

The display box with its garden design printed in brilliant colors, occupies very little space on your counter. It is an ornament to any store. It solves the problem of offering bulbs for sale in the retail shop, without danger of mixing varieties. and losing stock.

Vaughan's Pansies

Vaughan's Improved Swiss Giant Mixture

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—salmons, pinks, rich reds and blues, are their distinctive feature. Excellent for greenhouse culture. Trade pkt., **50c**; ⅛ oz., **$1.00**; ¼ oz., **$1.80**; oz., **$6.00**; 2 oz., **$11.50**; 4 oz., **$20.00**; lb., **$70.00**.

Vaughan's Super Swiss Giant Mixture

We have made a special mixture from three of our growers' stocks. Many of the flowers are five blotched. All the vivid colors of the type are represented in their enormous size and wavy and crinkly flowers. Trade pkt., **50c**; ⅛ oz., **$1.20**; ¼ oz., **$2.00**; ½ oz., **$3.75**; oz., **$7.00**.

Swiss Alpenglow. Rich wine-red shades. Trade pkt., **50c**; ⅛ oz., **$1.00**; ¼ oz., **$1.75**; oz., **$6.00**.

Swiss Berna. Dark violet-blue. Trade pkt., **50c**; ⅛ oz., **85c**; ¼ oz., **$1.50**; oz., **$5.00**.

Swiss Blue (Ullswater. Thuner Sea). The most distinct rich deep ultramarine blue with darker blue blotches. Ideal for cemetery planting. Trade pkt., **50c**; ⅛ oz., **85c**; ¼ oz., **$1.50**; oz., **$5.00**.

Delft Blue. Porcelain blue, a very unique color. Trade pkt., **50c**; ⅛ oz., **90c**; ¼ oz., **$1.65**; oz., **$6.00**.

Swiss Fire Beacon. Very unusual shade, bright wallflower red with a touch of orange. Trade pkt., **50c**; ⅛ oz., **$1.25**; ¼ oz., **$2.25**; oz., **$8.00**.

Swiss Ophir. Blotched golden yellow. Trade pkt., **50c**; ⅛ oz., **$1.00**; ¼ oz., **$1.75**; oz., **$6.00**.

Swiss Pure Yellow. The flowers are not so large as those of the other Swiss sorts. Trade pkt., **50c**; ¼ oz., **$1.35**; oz., **$5.00**.

Swiss Pure White. Very free blooming, large, well-shaped flower. The best pure white Pansy. Trade pkt., **50c**; ⅛ oz., **$1.00**; ¼ oz., **$1.75**; oz., **$7.00**.

Swiss Rhinegold. Canary yellow with dark blotches. Trade pkt., **50c**; ⅛ oz., **$1.00**; ¼ oz., **$1.75**; oz., **$6.00**.

Geneva Giant. A special selection of Swiss Giants. The seed we supply is from the originator in Geneva, Switzerland. Trade pkt., **$1.00**; ⅛ oz., **$2.25**; ¼ oz., **$4.20**; oz., **$16.00**.

Roggli Giant Mixture. A choice mixture of large-flowering pansies, very freely produced and in a great variety of colors for either bedding or cut flower purposes. Trade pkt., **50c**; ¼ oz., **$1.50**; oz., **$4.50**; 4 oz., **$15.00**.

Swiss DWARF Mixed

For those who desire a dwarfer plant than the original type, we have had our grower make this selection. The colors are the same as in the original strain but the plant itself is considerably shorter. Trade pkt., **50c**; ⅛ oz., **$1.00**; ¼ oz., **$1.80**; oz., **$6.00**; 4 oz., **$20.00**.

Vaughan's Maple Leaf Giant Mixed

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. A prize winner. Trade pkt., **50c**; ⅛ oz., **$1.00**; ¼ oz., **$1.80**; oz., **$6.00**; 4 oz., **$20.00**; lb., **$70.00**.

Vaughan's Super Maple Leaf Mixture

This strain is even finer than the above, with flowers of unbelievable size and texture, larger than in any other strain; while the plants are also of compact growth and the extra large foliage is a rich, dark green. Trade pkt., **75c**; ⅛ oz., **$1.30**; ¼ oz., **$2.50**; oz., **$9.00**.

Vaughan's Giant Mixture

Besides a good share of the "Fancy" strains such as Masterpiece, Swiss Giants, etc., this mixture contains all the self colors such as white, yellow, blue, purple, red, bronze, etc., and is probably the best "general" high grade mixture obtainable. All the flowers are of the "Giant" type and of good shape and texture. Trade pkt., **50c**; ¼ oz., **$1.25**; oz., **$4.00**.

Vaughan's International Mixture

This is a mixture of special strains such as Bugnot, Masterpiece, Swiss Giants, Triumph of the Giants, Boulogne Giants—all 3 and 5-spotted flowers of largest size and great substance in the most varied colors and color combinations. Since this mixture contains but very few self-colors, such as white, blue and yellow, these should be ordered separately if desired. Trade pkt., **50c**; ⅛ oz., **90c**; ¼ oz., **$1.65**; oz., **$6.00**; 4 oz., **$20.00**.

Vaughan's Seed Store

CHICAGO
601 W. Jackson Blvd.

NEW YORK
47 Barclay Street